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ABSTRACT

Volume 6 of a nine volume report on a national survey (33 states) of the instructional media and materials needs of special education teachers and students presents a statistical analysis of the questionnaire items on training in the use of special education media and materials. This section of the questionnaire contained items regarding sources of information about training opportunities, obstacles to acquiring further training, means of making training needs known, role and value of packaged training kits, skills which are critical to the special educator's job, sources of previous training in those skills, highest priorities for future training, and the best source of training for those skills. The analysis is presented three times for each respondent population, first for the total respondent population and then for two subgroups (public or nonpublic in the case of teachers and supervisors or other special education personnel for that respondent group). A demographic description of each respondent group precedes the analysis for that group. Sample findings for the group of all teachers of the handicapped combined were that workshops and conferences were the source of most of their information about training opportunities and that insufficient released time was a major obstacle to acquiring media and materials training. Nonteaching personnel reported that their most valuable resources for training teachers in media and materials skills were the instructional materials collection itself and visiting model programs. (DB)

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NNA NATIONAL REPORT
VOLUME 6

SECTION III:
TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

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USERS' GUIDE TO NNA ANALYSIS

SECTION III. TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

THIS SECTION PRESENTS THE ANALYSIS OF THE ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS WHICH APPEARED ON PAGES 7-9 OF APPROXIMATELY ONE-THIRD OF THE QUESTIONNAIRES FOR EACH RESPONDENT POPULATION. (SEE THE INTRODUCTION TO THIS REPORT, VOLUME 1, PAGE 2 FOR ELABORATION OF THIS PROCEDURE.) THIS SECTION WAS IDENTICAL FOR ALL RESPONDENT POPULATIONS EXCEPT THE POPULATION OF SPECIAL EDUCATION SUPERVISORS AND OTHER SPECIAL EDUCATION PERSONNEL, FOR WHICH A SIMILAR FORM WAS USED.

THIS SECTION CONTAINED ITEMS REGARDING SOURCES OF INFORMATION ABOUT TRAINING OPPORTUNITIES, OBSTACLES TO ACQUIRING FURTHER TRAINING, MEANS OF MAKING TRAINING NEEDS KNOWN, ROLE AND VALUE OF PACKAGED TRAINING KITS, SKILLS WHICH ARE CRITICAL TO THE SPECIAL EDUCATOR'S JOB, SOURCES OF PREVIOUS TRAINING IN THOSE SKILLS, HIGHEST PRIORITIES FOR FUTURE TRAINING, AND BEST SOURCE OF TRAINING FOR THOSE SKILLS.

THE ANALYSIS IN THIS SECTION IS PRESENTED THREE TIMES FOR EACH RESPONDENT POPULATION--FIRST, FOR THE TOTAL RESPONDENT POPULATION AND THEN FOR TWO SUBGROUPS OF THIS TOTAL RESPONDENT POPULATION. A DEMOGRAPHIC DESCRIPTION OF EACH RESPONDENT GROUP PRECEDES THE ANALYSIS FOR THAT GROUP.

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RESPONDENT POPULATION 1: TEACHERS OF THE BLIND AND VISUALLY IMPAIRED

SUBSECTION A. DEMOGRAPHIC DESCRIPTION OF THE RESPONDENT POPULATION

ON THE FOLLOWING FOUR PAGES IS A DEMOGRAPHIC DESCRIPTION OF THE RESPONDENT POPULATION ABOVE. PRESENTED FOR EACH QUESTION, 2 THROUGH 11, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. (NOTE: QUESTION 1 CONSISTED OF A ZIP CODE IDENTIFIER WHICH WAS USED ONLY TO CLASSIFY RESPONDENTS BY STATE.)

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q2 WHAT IS YOUR HIGHEST LEVEL OF FORMAL EDUCATION
IN EACH OF THE THREE CATEGORIES BELOW

	IN CURRENT TEACHING SPECIALTY		IN OTHER EDUCATION-RELATED SPECIALTY		IN OTHER FIELD	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
SOME COLLEGE COURSES	15	6.3	27	11.4	42	17.7
BACHELOR'S DEGREE	35	14.8	49	20.7	34	14.3
WORK BEYOND THE B.A.	73	30.8	60	25.3	24	10.1
MASTER'S DEGREE	46	19.4	27	11.4	4	1.7
WORK BEYOND THE M.A.	40	16.9	25	10.5	7	3.0
PH.D., ED.D.	2	0.8	0	0.0	0	0.0
NONE	6	2.5	8	3.4	39	16.5
INVALID OR NO RESPONSE	20	8.4	41	17.3	87	36.7

Q3 WHAT IS THE EXTENT OF YOUR PROFESSIONAL EXPERIENCE
IN EACH OF THE TWO CATEGORIES BELOW

	TEACHING THE HANDICAPPED		OTHER TEACHING	
	FREQ.	PCT	FREQ.	PCT
LESS THAN 1 YEAR	17	7.2	48	20.3
1 TO 3 YEARS	45	19.0	43	18.1
4 TO 7 YEARS	83	35.0	29	12.2
8 TO 15 YEARS	62	26.2	14	5.9
16 OR MORE YEARS	23	9.7	9	3.8
NONE	1	0.4	41	17.3
INVALID OR NO RESPONSE	6	2.5	53	22.4

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q4 WHAT IS YOUR PRIMARY ROLE THIS SCHOOL YEAR

	FREQ.	PCT
SPECIAL CLASS TEACHER -- ALL SUBJECTS	55	23.2
ITINERANT TEACHER	45	19.0
SPECIAL CLASS TEACHER -- SPECIFIC SUBJECT(S)	36	15.2
REGULAR CLASSROOM TEACHER	26	11.0
RESOURCE ROOM TEACHER	20	8.4
ITINERANT RESOURCE PERSON	14	5.9
MEDIA SPECIALIST OR LIBRARIAN	5	2.1
DIAGNOSTIC/PRESCRIPTIVE TEACHER	4	1.7
CLINICIAN/THERAPIST/PATHOLOGIST	1	0.4
HOME/HOSPITAL-BOUND TEACHER	0	0.0
OTHER	19	8.0
INVALID OR NO RESPONSE	12	5.1

Q5 HOW MANY HANDICAPPED STUDENTS ARE YOU WORKING WITH AT THE PRESENT TIME

	FREQ.	PCT
5 TO 9	70	29.5
10 TO 19	60	25.3
20 TO 29	32	13.5
40 OR MORE	28	11.8
4 OR FEWER	24	10.1
30 TO 39	19	8.0
INVALID OR NO RESPONSE	4	1.7

Q6 IN YOUR TEACHING, HOW DO YOU PRESENTLY SPEND MOST OF YOUR TIME

9

10

	FREQ.	PCT
WITH INDIVIDUAL STUDENTS	126	53.[illegible]
WITH SMALL GROUPS (2 TO 6 STUDENTS)	78	32.9
WITH LARGER GROUPS (7 OR MORE STUDENTS)	25	10.5
INVALID OR NO RESPONSE	8	3.4

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q7 WHICH CHRONOLOGICAL AGE CATEGORY BELOW BEST DESCRIBES YOUR CURRENT STUDENTS

	FREQ.	PCT
ALL AGES	81	34.2
12 AND OLDER	36	15.2
5 TO 8	26	11.0
12 TO 14	26	11.0
9 TO 11	20	8.4
15 TO 17	19	8.0
11 AND YOUNGER	13	5.5
4 AND YOUNGER	8	3.4
18 AND OLDER	2	0.8
INVALID OR NO RESPONSE	6	2.5

Q8 BY WHICH OF THE FOLLOWING ARE YOU EMPLOYED

	FREQ.	PCT
LOCAL PUBLIC SCHOOL DISTRICT	99	41.8
STATE AGENCY OTHER THAN STATE EDUCATION AGENCY	61	25.7
PRIVATE OR NONPUBLIC AGENCY	11	4.6
OTHER AGENCY	55	23.2
INVALID OR NO RESPONSE	11	4.6

Q9 AT WHAT TYPE OF FACILITY DO YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
SPECIAL EDUCATION RESIDENTIAL SCHOOL	103	43.5
REGULAR SCHOOL	99	41.8
SPECIAL EDUCATION SCHOOL (NONRESIDENTIAL)	19	8.0
DEVELOPMENTAL CENTER	4	1.7
CLINIC OR REHABILITATION AGENCY	1	0.4
HOSPITAL	0	0.0
OTHER FACILITY	6	2.5
INVALID OR NO RESPONSE	5	2.1

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q10 WHAT IS THE TOTAL ENROLLMENT OF THE SCHOOL AT WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
100 TO 249	76	32.1
250 TO 499	46	19.4
LESS THAN 100	33	13.9
500 TO 999	21	8.9
1,000 OR MORE	20	8.4
NOT APPLICABLE	37	15.6
INVALID OR NO RESPONSE	4	1.7

Q11 WHICH BEST DESCRIBES THE TYPE OF COMMUNITY IN WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
SMALL CITY (25,000 -- 100,000)	60	25.3
LARGE CITY (500,000 OR LARGER)	52	21.9
MEDIUM-SIZE CITY (100,000 -- 500,000)	51	21.5
TOWN (25,000 OR UNDER)	35	14.8
SUBURB OF A LARGE OR MEDIUM-SIZE CITY	14	5.9
RURAL AREA NEAR A LARGE OR MEDIUM-SIZE CITY	12	5.1
RURAL AREA NOT NEAR A LARGE OR MEDIUM-SIZE CITY	7	3.0
INVALID OR NO RESPONSE	6	2.5

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RESPONDENT POPULATION 1: TEACHERS OF THE BLIND AND VISUALLY IMPAIRED

SUBSECTION B. ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

THE NEXT SIX PAGES CONTAIN THE ANALYSES OF THE ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS FOR THE RESPONDENT POPULATION ABOVE. PRESENTED FOR EACH QUESTION, 1 THROUGH 9, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. ALL PERCENTAGE CALCULATIONS, EXCEPT THOSE FOR QUESTIONS 7 AND 9, ARE BASED ON THE RESPONDENT POPULATION FREQUENCY IN THE UPPER RIGHT CORNER OF THE PAGE.

FOR QUESTIONS 7 AND 9, THE RESPONDENT BASE IS RESTRICTED IN A MANNER THAT IS EVIDENT FROM READING THE QUESTIONS; I.E., THE RESPONSE TO EACH ALTERNATIVE IN QUESTION 7 IS PREDICATED UPON A RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6. THEREFORE, THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 7 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6, RATHER THAN THE RESPONDENT POPULATION FREQUENCY.

QUESTION 9 IS SIMILARLY CONTINGENT UPON QUESTION 8. THAT IS, A RESPONSE TO A GIVEN ALTERNATIVE FOR QUESTION 9 WAS APPROPRIATE ONLY IF THAT SAME ALTERNATIVE WAS CHOSEN IN QUESTION 8, AND THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 9 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 8.

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Q1 FROM WHICH OF THE FOLLOWING SOURCES DO YOU OBTAIN MOST OF YOUR INFORMATION ABOUT TRAINING OPPORTUNITIES

	FREQ.	PCT
NO SOURCE AVAILABLE	3	1.3
WORD OF MOUTH FROM COLLEAGUES	109	46.0
SUPERVISOR	102	43.0
WORKSHOPS AND CONFERENCES	93	39.2
PROFESSIONAL JOURNALS	73	30.8
COLLEGE BULLETINS AND ANNOUNCEMENTS	63	26.6
REGIONAL (IN-STATE) NEWSLETTERS/ANNOUNCEMENTS	41	17.3
STATE NEWSLETTERS/ANNOUNCEMENTS	34	14.3
DISTRICT NEWSLETTERS/ANNOUNCEMENTS	31	13.1
NATIONAL NEWSLETTERS/ANNOUNCEMENTS	30	12.7
REGIONAL (MULTI-STATE) NEWSLETTERS/ANNOUNCEMENTS	29	12.2
PUBLIC MEDIA ANNOUNCEMENTS	16	6.8
PUBLISHERS' BROCHURES	13	5.5
OTHER	12	5.1

Q2 TO WHAT EXTENT IS EACH OF THE FOLLOWING AN OBSTACLE TO ACQUIRING THE MEDIA AND MATERIALS TRAINING YOU NEED

	GREAT		MODERATE		LITTLE OR NOT AT ALL		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
INCONVENIENT LOCATION OF TRAINING PROGRAMS	95	40.1	67	28.3	48	20.3	27	11.4
TOO EXPENSIVE	78	32.9	82	34.6	42	17.7	35	14.8
INSUFFICIENT RELEASED TIME	77	32.5	66	27.8	63	26.6	31	13.1
INCONVENIENT SCHEDULING OF TRAINING PROGRAMS	59	24.9	87	36.7	54	22.8	37	15.6
TRAINING I NEED NOT OFFERED	56	23.6	75	31.6	71	30.0	35	14.8
LACK OF INFORMATION ABOUT TRAINING OPPORTUNITIES	52	21.9	94	39.7	63	26.6	28	11.8
LACK OF QUALIFIED TRAINERS	43	18.1	71	30.0	76	32.1	47	19.8
NEGATIVE ATTITUDE OF ADMINISTRATORS/OTHER TEACHERS	31	13.1	62	26.2	108	45.6	36	15.2
OTHER	11	4.6	8	3.4	43	18.1	175	73.8

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Q3 HOW ARE YOUR TRAINING NEEDS USUALLY MADE KNOWN TO ADMINISTRATIVE PERSONNEL IN YOUR DISTRICT OR FACILITY

	FREQ.	PCT
REQUEST TO SUPERVISOR	130	54.9
NO REGULAR PROCEDURE TO MAKE TRAINING NEEDS KNOWN	78	32.9
DIRECT REQUEST TO DISTRICT OFFICE	10	4.2
STRUCTURED INTERVIEW/QUESTIONNAIRE	6	2.5
OTHER PROCEDURE	4	1.7
INVALID OR NO RESPONSE	9	3.8

Q4 HAVE PACKAGED TRAINING KITS AND/OR PROGRAMMED MATERIALS PLAYED AN IMPORTANT ROLE IN YOUR TRAINING

	YES		NO		NEVER USED		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
DURING PRESERVICE/IN COLLEGE	41	17.3	88	37.1	96	40.5	12	5.1
DURING INSERVICE	50	21.1	81	34.2	94	39.7	12	5.1
ON YOUR OWN	81	34.2	60	25.3	85	35.9	11	4.6

Q5 HOW VALUABLE WOULD SELF-INSTRUCTIONAL TRAINING KITS BE FOR YOUR TRAINING NEEDS IN EACH OF THE FOLLOWING SKILLS

	OF GREAT VALUE		OF SOME VALUE		OF LITTLE OR NO VALUE		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
MATCHING MEDIA/MATERIALS TO LEARNER NEEDS	130	54.9	84	35.4	18	7.6	5	2.1
ADAPTING MEDIA/MATERIALS	130	54.9	83	35.0	17	7.2	7	3.0
DESIGNING MEDIA/MATERIALS	121	51.1	75	31.6	31	13.1	10	4.2
UTILIZING MEDIA/MATERIALS	108	45.6	94	39.7	22	9.3	13	5.5
SELECTING/EVALUATING MEDIA/MATERIALS	100	42.2	101	42.6	28	11.8	8	3.4
REPAIRING MEDIA AND EQUIPMENT	64	27.0	84	35.4	76	32.1	13	5.5

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Q6 WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
HOW TO SELECT MEDIA AND MATERIALS ACCORDING TO SPECIFIC LEARNING OBJECTIVES FOR										
COGNITIVE DEVELOPMENT	172	72.6	88	51.2	25	14.5	41	23.8	9	5.2
SOCIAL PERSONAL DEVELOPMENT	169	71.3	59	34.9	21	12.4	64	37.9	12	7.1
ACADEMIC DEVELOPMENT	163	68.8	109	66.9	10	6.1	34	20.9	4	2.5
PSYCHOMOTOR DEVELOPMENT	134	56.5	54	40.3	30	22.4	36	26.9	6	4.5
LANGUAGE/SPEECH DEVELOPMENT	122	51.5	65	53.3	16	13.1	32	26.2	4	3.3
HOW TO SELECT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	208	87.8	87	41.8	26	12.5	69	33.2	13	6.3
PUPIL INTEREST LEVEL	162	68.4	52	32.1	15	9.3	75	46.3	13	8.0
PUPIL SENSORY INPUT MODE	137	57.8	55	40.1	22	16.1	39	28.5	15	10.9
PUPIL RESPONSE MODE	126	53.2	40	31.7	19	15.1	43	34.1	19	15.1
PUPIL CULTURAL BACKGROUND	66	27.8	17	25.8	8	12.1	22	33.3	16	24.2
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	197	83.1	80	40.6	25	12.7	74	37.6	9	4.6
SPECIFIC LEARNING OBJECTIVES	173	73.0	86	49.7	27	15.6	45	26.0	9	5.2
PUPIL INTEREST LEVEL	143	60.3	40	28.0	12	8.4	77	53.8	8	5.6
PUPIL SENSORY INPUT MODE	130	54.9	49	37.7	19	14.6	40	30.8	14	10.8
PUPIL RESPONSE MODE	119	50.2	38	31.9	17	14.3	46	38.7	13	10.9
PUPIL CULTURAL BACKGROUND	59	24.9	15	25.4	5	8.5	21	35.6	14	23.7
HOW TO										
EVALUATE EFFECTIVENESS OF MEDIA/MATERIALS	155	65.4	44	28.4	21	13.5	62	40.0	20	12.9
COORDINATE TWO OR MORE KINDS OF MATERIALS	124	52.3	28	22.6	7	5.6	69	55.6	11	8.9
USE INSTR. MATERIALS/LEARNING RESOURCE CENTER .	103	43.5	22	21.4	26	25.2	36	35.0	12	11.7
TRAIN PARENTS IN USE OF CHILD INSTR. MTRLS	93	39.2	10	10.8	16	17.2	17	18.3	47	50.5
PREPARE MULTIMEDIA KITS	66	27.8	12	18.2	9	13.6	21	31.8	17	25.8
INTERPRET RESEARCH ON MEDIA/MATERIALS	59	24.9	29	49.2	5	8.5	11	18.6	11	18.6
PLAN/IMPLEMENT A MULTIMEDIA PRESENTATION	54	22.8	11	20.4	11	20.4	17	31.5	10	18.5
USE A COMPUTER TO DIAGNOSE LEARNER NEEDS	27	11.4	2	7.4	4	14.8	0	0.0	18	66.7
USE A COMPUTER TO OBTAIN MATERIALS INFO.	24	10.1	3	12.5	3	12.5	0	0.0	15	62.5
USE A COMPUTER TO MONITOR PUPIL PROGRESS	20	8.4	3	15.0	5	25.0	0	0.0	11	55.0

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

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Q6 (CONTINUED) WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 (CONTINUED) FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
MATERIALS FOR INDEPENDENT CHILD USE	155	65.4	27	17.4	19	12.3	85	54.8	12	7.7
ADAPTIVE EQUIPMENT	118	49.8	35	29.7	18	15.3	43	36.4	14	11.9
MEDIA HARDWARE AND EQUIPMENT	107	45.1	44	41.1	16	15.0	40	37.4	5	4.7
PROGRAMMED INSTRUCTIONAL MATERIALS	82	34.6	20	24.4	19	23.2	21	25.6	12	14.6
MULTIMEDIA KITS	56	23.6	16	28.6	11	19.6	16	28.6	8	14.3
HOW TO MAKE										
TACTILE MATERIALS	182	76.8	52	28.6	28	15.4	82	45.1	13	7.1
AUDIO MATERIALS	123	51.9	41	33.3	19	15.4	46	37.4	8	6.5
A MASTER FOR REPRODUCTION UNITS	97	40.9	28	28.9	27	27.8	35	36.1	5	5.2
AUDIO-VISUAL MATERIALS	88	37.1	35	39.8	19	21.6	25	28.4	6	6.8
GRAPHICS (E.G., CHARTS, FLASH CARDS)	77	32.5	22	28.6	9	11.7	42	54.5	1	1.3
EXHIBITS	42	17.7	9	21.4	4	9.5	23	54.8	1	2.4
HOW TO OPERATE										
TAPE RECORDER	149	62.9	33	22.1	15	10.1	90	60.4	4	2.7
SPECIALIZED EQUIPMENT (E.G., OPTACON)	124	52.3	35	28.2	34	27.4	15	12.1	37	29.8
UNIQUE TEACHING MACHINES	83	35.0	13	15.7	23	27.7	15	18.1	27	32.5
FILMSTRIP PROJECTOR	81	34.2	22	27.2	18	22.2	33	40.7	4	4.9
FILM PROJECTOR	71	30.0	28	39.4	15	21.1	17	23.9	7	9.9
VIDEOTAPE EQUIPMENT	57	24.1	10	17.5	10	17.5	13	22.8	21	36.8
DRY MOUNT PRESS/LAMINATOR	53	22.4	14	26.4	11	20.8	11	20.8	16	30.2
STILL PHOTOGRAPHIC EQUIPMENT	28	11.8	2	7.1	3	10.7	16	57.1	5	17.9
COMPUTER-BASED INSTRUCTIONAL EQUIPMENT	28	11.8	2	7.1	5	17.9	0	0.0	20	71.4
MOTION PICTURE CAMERA	22	9.3	3	13.6	3	13.6	10	45.5	6	27.3

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q8 FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 8, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

	Q8		PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO SPECIFIC OBJECTIVES FOR	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
SOCIAL/PERSONAL DEVEL.	88	37.1	5	5.7	1	1.1	9	10.2	13	14.8	3	3.4	19	21.8	2	2.3	27	30.7
COGNITIVE DEVELOPMENT	77	32.5	4	5.2	0	0.0	6	7.8	7	9.1	4	5.2	35	45.5	3	3.9	12	15.6
ACADEMIC DEVELOPMENT	69	29.1	6	8.7	3	4.3	4	5.8	4	5.8	0	0.0	30	43.5	2	2.9	13	18.8
PSYCHOMOTOR DEVELOP.	56	23.6	6	10.7	1	1.8	8	14.3	8	14.3	2	3.6	20	35.7	2	3.6	6	10.7
LANGUAGE/SPEECH DEVEL.	50	21.1	5	10.0	1	2.0	6	12.0	7	14.0	1	2.0	16	32.0	2	4.0	8	16.0
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO																		
PUPIL FUNCTIONAL LEVEL	87	36.7	12	13.8	3	3.4	4	4.6	10	11.5	4	4.6	27	31.0	2	2.3	19	21.8
PUPIL INTEREST LEVEL	45	19.0	8	17.8	2	4.4	4	8.9	4	8.9	1	2.2	9	20.0	3	6.7	11	24.4
PUPIL INPUT MODE	38	16.0	4	10.5	2	5.3	3	7.9	2	5.3	0	0.0	17	44.7	3	7.9	3	7.9
PUPIL RESPONSE MODE	25	10.5	3	12.0	1	4.0	1	4.0	2	8.0	0	0.0	9	36.0	4	16.0	2	8.0
PUPIL CULT. BACKGROUND	13	5.5	2	15.4	2	15.4	0	0.0	1	7.7	1	7.7	5	38.5	0	0.0	2	15.4
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO																		
PUPIL FUNCTIONAL LEVEL	89	37.6	12	13.5	3	3.4	0	0.0	9	10.1	4	4.5	26	29.2	3	3.4	26	29.2
SPECIFIC LRNG OBJCTVS.	73	30.8	13	17.8	9	12.3	6	8.2	7	9.6	3	4.1	18	24.7	1	1.4	9	12.3
PUPIL INPUT MODE	47	19.8	6	12.8	3	6.4	6	12.8	6	12.8	2	4.3	13	27.7	2	4.3	6	12.8
PUPIL INTEREST LEVEL	40	16.9	3	7.5	2	5.0	2	5.0	5	12.5	3	7.5	6	15.0	2	5.0	13	32.5
PUPIL RESPONSE MODE	29	12.2	4	13.8	0	0.0	3	10.3	3	10.3	3	10.3	5	17.2	2	6.9	6	20.7
PUPIL CULT. BACKGROUND	14	5.9	3	21.4	1	7.1	0	0.0	1	7.1	1	7.1	4	28.6	1	7.1	2	14.3
HOW TO																		
TRAIN PARENTS IN MTRLS	63	26.6	8	12.7	8	12.7	7	11.1	11	17.5	4	6.3	15	23.8	0	0.0	5	7.9
EVAL. MEDIA/MATERIALS	62	26.2	4	6.5	2	3.2	4	6.5	7	11.3	1	1.6	20	32.3	0	0.0	20	32.3
COORD. TWO/MORE MTRLS	29	12.2	4	13.8	0	0.0	2	6.9	5	17.2	1	3.4	7	24.1	3	10.3	5	17.2
USE LRNG RESOURCE CTR	28	11.8	1	3.6	3	10.7	2	7.1	6	21.4	1	3.6	7	25.0	1	3.6	5	17.9
PREPARE MULTIMEDIA KITS	24	10.1	2	8.3	1	4.2	2	8.3	3	12.5	1	4.2	6	25.0	5	20.8	2	8.3
INTERPRET M/M RESEARCH	22	9.3	1	4.5	1	4.5	2	9.1	2	9.1	0	0.0	12	54.5	1	4.5	2	9.1
USE COMPUTER TO DIAG.	20	8.4	2	10.0	0	0.0	0	0.0	2	10.0	1	5.0	9	45.0	3	15.0	2	10.0
USE COMPUTER FOR INFO	18	7.6	2	11.1	0	0.0	1	5.6	2	11.1	2	11.1	7	38.9	1	5.6	0	0.0
PLAN MULTIMEDIA PRES.	13	5.5	1	7.7	1	7.7	2	15.4	2	15.4	2	15.4	4	30.8	1	7.7	0	0.0
USE COMPUTER TO MONITOR	11	4.6	1	9.1	0	0.0	0	0.0	0	0.0	0	0.0	6	54.5	1	9.1	2	18.2

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Q8 (CONTINUED) FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 (CONTINUED) FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 8, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

			PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
INDEP. CHILD USE MTRLS	50	21.1	2	4.0	9	18.0	2	4.0	8	16.0	2	4.0	7	14.0	5	10.0	13	26.0
ADAPTIVE EQUIPMENT	37	15.6	4	10.8	2	5.4	4	10.8	5	13.5	1	2.7	9	24.3	7	18.9	2	5.4
PROGRAMMED MATERIALS	30	12.7	1	3.3	1	3.3	3	10.0	5	16.7	0	0.0	7	23.3	7	23.3	4	13.3
MEDIA HARDWARE/EQUIP.	18	7.6	4	22.2	0	0.0	1	5.6	1	5.6	0	0.0	5	27.8	3	16.7	1	5.6
MULTIMEDIA KITS	13	5.5	1	7.7	1	7.7	0	0.0	0	0.0	0	0.0	3	23.1	5	38.5	1	7.7
HOW TO MAKE																		
TACTILE MATERIALS	51	21.5	7	13.7	0	0.0	3	5.9	8	15.7	2	3.9	12	23.5	4	7.8	11	21.6
AUDIO-VISUAL MATERIALS	22	9.3	5	22.7	0	0.0	2	9.1	4	18.2	1	4.5	5	22.7	1	4.5	2	9.1
AUDIO MATERIALS	12	5.1	2	16.7	0	0.0	0	0.0	1	8.3	0	0.0	3	25.0	2	16.7	3	25.0
REPRODUCTION MASTERS	9	3.8	1	11.1	2	22.2	0	0.0	0	0.0	0	0.0	2	22.2	1	11.1	1	11.1
GRAPHICS (E.G., CHARTS)	5	2.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	60.0	0	0.0	1	20.0
EXHIBITS	4	1.7	0	0.0	1	25.0	0	0.0	1	25.0	0	0.0	1	25.0	0	0.0	0	0.0
HOW TO OPERATE																		
SPECIALIZED EQUIPMENT	61	25.7	5	8.2	2	3.3	5	8.2	5	8.2	1	1.6	16	26.2	18	29.5	4	6.6
UNIQUE TCHNG MACHINES	24	10.1	1	4.2	2	8.3	0	0.0	4	16.7	0	0.0	4	16.7	9	37.5	2	8.3
VIDEOTAPE EQUIPMENT	17	7.2	2	11.8	0	0.0	1	5.9	3	17.6	0	0.0	2	11.8	6	35.3	1	5.9
COMPUTER-BASED EQUIP.	13	5.5	0	0.0	0	0.0	0	0.0	2	15.4	0	0.0	3	23.1	5	38.5	1	7.7
TAPE RECORDER	11	4.6	1	9.1	4	36.4	0	0.0	1	9.1	0	0.0	0	0.0	0	0.0	4	36.4
DRY MOUNT/LAMINATOR	10	4.2	1	10.0	2	20.0	0	0.0	1	10.0	0	0.0	1	10.0	1	10.0	3	30.0
MOTION PICTURE CAMERA	7	3.0	1	14.3	0	0.0	0	0.0	2	28.6	0	0.0	0	0.0	1	14.3	2	28.6
FILM PROJECTOR	6	2.5	2	33.3	0	0.0	0	0.0	1	16.7	0	0.0	0	0.0	0	0.0	1	16.7
FILMSTRIP PROJECTOR	5	2.1	1	20.0	1	20.0	0	0.0	1	20.0	0	0.0	0	0.0	0	0.0	0	0.0
STILL PHOTOG. EQUIP.	5	2.1	1	20.0	0	0.0	0	0.0	1	20.0	0	0.0	1	20.0	0	0.0	1	20.0

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RESPONDENT POPULATION 1: TEACHERS OF THE BLIND AND VISUALLY IMPAIRED

SUBSECTION C. DEMOGRAPHIC DESCRIPTION OF THE SUBGROUP OF PUBLIC SCHOOL TEACHERS

ON THE FOLLOWING FOUR PAGES IS A DEMOGRAPHIC DESCRIPTION OF THE SUBGROUP OF PUBLIC SCHOOL TEACHERS FROM THE RESPONDENT POPULATION ABOVE. FOR PURPOSES OF THE ANALYSES IN THIS AND THE NEXT SUBSECTION (D), "PUBLIC SCHOOL TEACHER" IS DEFINED AS A RESPONDENT WHO INDICATED IN THE DEMOGRAPHIC SECTION (PAGE 11) OF THE QUESTIONNAIRE THAT HE IS EMPLOYED BY EITHER THE LOCAL PUBLIC SCHOOL DISTRICT OR A STATE AGENCY OTHER THAN THE STATE EDUCATION AGENCY (QUESTION 8) AND THAT HE WORKS PRIMARILY AT EITHER A REGULAR SCHOOL OR A NONRESIDENTIAL SPECIAL EDUCATION SCHOOL (QUESTION 9).

THE SUBGROUP IDENTIFICATION APPEARS IN THE UPPER RIGHT CORNER OF THE PAGE, OPPOSITE THE RESPONDENT POPULATION DESCRIPTION. BELOW IT APPEARS THE NUMBER OF RESPONDENTS IN THIS SUBGROUP. PRESENTED FOR EACH QUESTION, 2 THROUGH 11, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. ALL PERCENTAGE CALCULATIONS ARE BASED ON THE NUMBER OF RESPONDENTS IN THE SUBGROUP. (NOTE: QUESTION 1 CONSISTED OF A ZIP CODE IDENTIFIER WHICH WAS USED ONLY TO CLASSIFY RESPONDENTS BY STATE.)

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Q2 WHAT IS YOUR HIGHEST LEVEL OF FORMAL EDUCATION
IN EACH OF THE THREE CATEGORIES BELOW

	IN CURRENT TEACHING SPECIALTY		IN OTHER EDUCATION-RELATED SPECIALTY		IN OTHER FIELD	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
SOME COLLEGE COURSES	6	5.8	11	10.6	17	16.3
BACHELOR'S DEGREE	22	21.2	24	23.1	14	13.5
WORK BEYOND THE B.A.	35	33.7	24	23.1	12	11.5
MASTER'S DEGREE	20	19.2	11	10.6	1	1.0
WORK BEYOND THE M.A.	13	12.5	14	13.5	3	2.9
PH.D., ED.D.	1	1.0	0	0.0	0	0.0
NONE	3	2.9	2	1.9	21	20.2
INVALID OR NO RESPONSE	4	3.8	18	17.3	36	34.6

Q3 WHAT IS THE EXTENT OF YOUR PROFESSIONAL EXPERIENCE
IN EACH OF THE TWO CATEGORIES BELOW

	TEACHING THE HANDICAPPED		OTHER TEACHING	
	FREQ.	PCT	FREQ.	PCT
LESS THAN 1 YEAR	6	5.8	20	19.2
1 TO 3 YEARS	21	20.2	21	20.2
4 TO 7 YEARS	40	38.5	14	13.5
8 TO 15 YEARS	24	23.1	7	6.7
16 OR MORE YEARS	9	8.7	2	1.9
NONE	1	1.0	18	17.3
INVALID OR NO RESPONSE	3	2.9	22	21.2

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q4 WHAT IS YOUR PRIMARY ROLE THIS SCHOOL YEAR

	FREQ.	PCT
ITINERANT TEACHER	35	33.7
SPECIAL CLASS TEACHER -- ALL SUBJECTS	22	21.2
RESOURCE ROOM TEACHER	18	17.3
ITINERANT RESOURCE PERSON	11	10.6
MEDIA SPECIALIST OR LIBRARIAN	3	2.9
REGULAR CLASSROOM TEACHER	2	1.9
SPECIAL CLASS TEACHER -- SPECIFIC SUBJECT(S)	2	1.9
DIAGNOSTIC/PRESCRIPTIVE TEACHER	0	0.0
CLINICIAN/THERAPIST/PATHOLOGIST	0	0.0
HOME/HOSPITAL-BOUND TEACHER	0	0.0
OTHER	6	5.8
INVALID OR NO RESPONSE	5	4.8

Q5 HOW MANY HANDICAPPED STUDENTS ARE YOU WORKING WITH AT THE PRESENT TIME

	FREQ.	PCT
5 TO 9	41	39.4
10 TO 19	30	28.8
4 OR FEWER	14	13.5
20 TO 29	13	12.5
40 OR MORE	3	2.9
30 TO 39	2	1.9
INVALID OR NO RESPONSE	1	1.0

Q6 IN YOUR TEACHING, HOW DO YOU PRESENTLY SPEND MOST OF YOUR TIME

	FREQ.	PCT
WITH INDIVIDUAL STUDENTS	75	72.1
WITH SMALL GROUPS (2 TO 6 STUDENTS)	22	21.2
WITH LARGER GROUPS (7 OR MORE STUDENTS)	3	2.9
INVALID OR NO RESPONSE	4	3.8

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Q7 WHICH CHRONOLOGICAL AGE CATEGORY BELOW BEST DESCRIBES YOUR CURRENT STUDENTS

	FREQ.	PCT
ALL AGES	43	41.3
9 TO 11	14	13.5
12 TO 14	14	13.5
5 TO 8	10	9.6
12 AND OLDER	9	8.7
15 TO 17	5	4.8
11 AND YOUNGER	5	4.8
4 AND YOUNGER	3	2.9
18 AND OLDER	0	0.0
INVALID OR NO RESPONSE	1	1.0

Q8 BY WHICH OF THE FOLLOWING ARE YOU EMPLOYED

	FREQ.	PCT
LOCAL PUBLIC SCHOOL DISTRICT	97	93.3
STATE AGENCY OTHER THAN STATE EDUCATION AGENCY	7	6.7
PRIVATE OR NONPUBLIC AGENCY	0	0.0
OTHER AGENCY	0	0.0
INVALID OR NO RESPONSE	0	0.0

Q9 AT WHAT TYPE OF FACILITY DO YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
REGULAR SCHOOL	89	85.6
SPECIAL EDUCATION SCHOOL (NONRESIDENTIAL)	15	14.4
SPECIAL EDUCATION RESIDENTIAL SCHOOL	0	0.0
DEVELOPMENTAL CENTER	0	0.0
CLINIC OR REHABILITATION AGENCY	0	0.0
HOSPITAL	0	0.0
OTHER FACILITY	0	0.0
INVALID OR NO RESPONSE	0	0.0

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Q10 WHAT IS THE TOTAL ENROLLMENT OF THE SCHOOL AT WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
250 TO 499	31	29.8
1,000 OR MORE	19	18.3
500 TO 999	14	13.5
100 TO 249	11	10.6
LESS THAN 100	3	2.9
NOT APPLICABLE	26	25.0
INVALID OR NO RESPONSE	0	0.0

Q11 WHICH BEST DESCRIBES THE TYPE OF COMMUNITY IN WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
MEDIUM-SIZE CITY (100,000 -- 500,000)	27	26.0
LARGE CITY (500,000 OR LARGER)	25	24.0
SMALL CITY (25,000 -- 100,000)	18	17.3
TOWN (25,000 OR UNDER)	14	13.5
SUBURB OF A LARGE OR MEDIUM-SIZE CITY	10	9.6
RURAL AREA NEAR A LARGE OR MEDIUM-SIZE CITY	6	5.8
RURAL AREA NOT NEAR A LARGE OR MEDIUM-SIZE CITY	3	2.9
INVALID OR NO RESPONSE	1	1.0

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SUBSECTION D. ANALYSIS OF ITEMS ON TRAINING FOR THE SUBGROUP OF PUBLIC SCHOOL TEACHERS

THE NEXT SIX PAGES CONTAIN THE ANALYSES OF THE ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS FOR THE SUBGROUP OF PUBLIC SCHOOL TEACHERS FROM THE RESPONDENT POPULATION ABOVE. (THE TERM "PUBLIC SCHOOL TEACHER" IS DEFINED IN THE INTRODUCTION TO SUBSECTION C.) THIS SUBGROUP IS INDICATED IN THE UPPER RIGHT CORNER OF THE PAGE, OPPOSITE THE DESCRIPTION OF THE RESPONDENT POPULATION. BELOW IT APPEARS THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

PRESENTED FOR EACH QUESTION, 1 THROUGH 9, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. ALL PERCENTAGE CALCULATIONS, EXCEPT THOSE FOR QUESTIONS 7 AND 9, ARE BASED ON THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

FOR QUESTIONS 7 AND 9, THE RESPONDENT BASE IS RESTRICTED IN A MANNER THAT IS EVIDENT FROM READING THE QUESTIONS; I.E., THE RESPONSE TO EACH ALTERNATIVE IN QUESTION 7 IS PREDICATED UPON A RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6. THEREFORE, THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 7 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6, RATHER THAN THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

QUESTION 9 IS SIMILARLY CONTINGENT UPON QUESTION 8. THAT IS, A RESPONSE TO A GIVEN ALTERNATIVE FOR QUESTION 9 WAS APPROPRIATE ONLY IF THAT SAME ALTERNATIVE WAS CHOSEN IN QUESTION 8, AND THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 9 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 8.

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Q1 FROM WHICH OF THE FOLLOWING SOURCES DO YOU OBTAIN MOST OF YOUR INFORMATION ABOUT TRAINING OPPORTUNITIES

	FREQ.	PCT
NO SOURCE AVAILABLE	2	1.9
WORD OF MOUTH FROM COLLEAGUES	51	49.0
SUPERVISOR	44	42.3
WORKSHOPS AND CONFERENCES	38	36.5
PROFESSIONAL JOURNALS	29	27.9
REGIONAL (IN-STATE) NEWSLETTERS/ANNOUNCEMENTS	22	21.2
DISTRICT NEWSLETTERS/ANNOUNCEMENTS	21	20.2
COLLEGE BULLETINS AND ANNOUNCEMENTS	19	18.3
STATE NEWSLETTERS/ANNOUNCEMENTS	18	17.3
NATIONAL NEWSLETTERS/ANNOUNCEMENTS	13	12.5
REGIONAL (MULTI-STATE) NEWSLETTERS/ANNOUNCEMENTS	8	7.7
PUBLISHERS' BROCHURES	4	3.8
PUBLIC MEDIA ANNOUNCEMENTS	4	3.8
OTHER	5	4.8

Q2 TO WHAT EXTENT IS EACH OF THE FOLLOWING AN OBSTACLE TO ACQUIRING THE MEDIA AND MATERIALS TRAINING YOU NEED

	GREAT		MODERATE		LITTLE OR NOT AT ALL		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
INCONVENIENT LOCATION OF TRAINING PROGRAMS	44	42.3	30	28.8	16	15.4	14	13.5
TOO EXPENSIVE	34	32.7	37	35.6	17	16.3	16	15.4
TRAINING I NEED NOT OFFERED	31	29.8	28	26.9	29	27.9	16	15.4
INSUFFICIENT RELEASED TIME	31	29.8	28	26.9	30	28.8	15	14.4
LACK OF INFORMATION ABOUT TRAINING OPPORTUNITIES	25	24.0	42	40.4	25	24.0	12	11.5
INCONVENIENT SCHEDULING OF TRAINING PROGRAMS	21	20.2	42	40.4	22	21.2	19	18.3
LACK OF QUALIFIED TRAINERS	18	17.3	26	25.0	38	36.5	22	21.2
NEGATIVE ATTITUDE OF ADMINISTRATORS/OTHER TEACHERS	15	14.4	28	26.9	47	45.2	14	13.5
OTHER	6	5.8	4	3.8	15	14.4	79	76.0

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Q3 HOW ARE YOUR TRAINING NEEDS USUALLY MADE KNOWN TO ADMINISTRATIVE PERSONNEL IN YOUR DISTRICT OR FACILITY

	FREQ.	PCT
REQUEST TO SUPERVISOR	58	55.8
NO REGULAR PROCEDURE TO MAKE TRAINING NEEDS KNOWN	33	31.7
DIRECT REQUEST TO DISTRICT OFFICE	5	4.8
OTHER PROCEDURE	3	2.9
STRUCTURED INTERVIEW/QUESTIONNAIRE	2	1.9
INVALID OR NO RESPONSE	3	2.9

Q4 HAVE PACKAGED TRAINING KITS AND/OR PROGRAMMED MATERIALS PLAYED AN IMPORTANT ROLE IN YOUR TRAINING

	YES		NO		NEVER USED		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
DURING PRESERVICE/IN COLLEGE	17	16.3	42	40.4	40	38.5	5	4.8
DURING INSERVICE	22	21.2	40	38.5	36	34.6	6	5.8
ON YOUR OWN	38	36.5	25	24.0	33	31.7	8	7.7

Q5 HOW VALUABLE WOULD SELF-INSTRUCTIONAL TRAINING KITS BE FOR YOUR TRAINING NEEDS IN EACH OF THE FOLLOWING SKILLS

	OF GREAT VALUE		OF SOME VALUE		OF LITTLE OR NO VALUE		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
ADAPTING MEDIA/MATERIALS	63	60.6	33	31.7	5	4.8	3	2.9
MATCHING MEDIA/MATERIALS TO LEARNER NEEDS	62	59.6	35	33.7	4	3.8	3	2.9
DESIGNING MEDIA/MATERIALS	55	52.9	35	33.7	9	8.7	5	4.8
UTILIZING MEDIA/MATERIALS	49	47.1	44	42.3	6	5.8	5	4.8
SELECTING/EVALUATING MEDIA/MATERIALS	44	42.3	49	47.1	8	7.7	3	2.9
REPAIRING MEDIA AND EQUIPMENT	31	29.8	41	39.4	24	23.1	8	7.7

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Q6 WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
HOW TO SELECT MEDIA AND MATERIALS ACCORDING TO SPECIFIC LEARNING OBJECTIVES FOR	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
ACADEMIC DEVELOPMENT	81	77.9	50	61.7	5	6.2	22	27.2	2	2.5
COGNITIVE DEVELOPMENT	78	75.0	40	51.3	11	14.1	20	25.6	4	5.1
SOCIAL/PERSONAL DEVELOPMENT	75	72.1	26	34.7	9	12.0	31	41.3	4	5.3
PSYCHOMOTOR DEVELOPMENT	60	57.7	22	36.7	17	28.3	17	28.3	2	3.3
LANGUAGE/SPEECH DEVELOPMENT	51	49.0	22	43.1	8	15.7	15	29.4	3	5.9
HOW TO SELECT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	90	86.5	39	43.3	11	12.2	29	32.2	6	6.7
PUPIL SENSORY INPUT MODE	75	72.1	30	40.0	10	13.3	22	29.3	9	12.0
PUPIL INTEREST LEVEL	70	67.3	20	28.6	7	10.0	37	52.9	5	7.1
PUPIL RESPONSE MODE	61	58.7	18	29.5	8	13.1	22	36.1	11	18.0
PUPIL CULTURAL BACKGROUND	31	29.8	7	22.6	2	6.5	12	38.7	8	25.8
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	85	81.7	35	41.2	9	10.6	32	37.6	5	5.9
SPECIFIC LEARNING OBJECTIVES	78	75.0	38	48.7	11	14.1	23	29.5	5	6.4
PUPIL SENSORY INPUT MODE	69	66.3	28	40.6	9	13.0	22	31.9	7	10.1
PUPIL INTEREST LEVEL	62	59.6	15	24.2	5	8.1	37	59.7	3	4.8
PUPIL RESPONSE MODE	58	55.8	19	32.8	8	13.8	22	37.9	7	12.1
PUPIL CULTURAL BACKGROUND	26	25.0	5	19.2	2	7.7	10	38.5	8	30.8
HOW TO										
EVALUATE EFFECTIVENESS OF MEDIA/MATERIALS	62	59.6	13	21.0	13	21.0	26	41.9	7	11.3
USE INSTR. MATERIALS/LEARNING RESOURCE CENTER .	60	57.7	8	13.3	18	30.0	22	36.7	8	13.3
COORDINATE TWO OR MORE KINDS OF MATERIALS	59	56.7	9	15.3	3	5.1	37	62.7	4	6.8
TRAIN PARENTS IN USE OF CHILD INSTR. MTRLS	45	43.3	4	8.9	11	24.4	10	22.2	19	42.2
PREPARE MULTIMEDIA KITS	35	33.7	7	20.0	4	11.4	12	34.3	9	25.7
INTERPRET RESEARCH ON MEDIA/MATERIALS	26	25.0	11	42.3	2	7.7	5	19.2	6	23.1
PLAN/IMPLEMENT A MULTIMEDIA PRESENTATION	26	25.0	5	19.2	3	11.5	10	38.5	7	26.9
USE A COMPUTER TO DIAGNOSE LEARNER NEEDS	17	16.3	1	5.9	2	11.8	0	0.0	12	70.6
USE A COMPUTER TO OBTAIN MATERIALS INFO.	14	13.5	2	14.3	1	7.1	0	0.0	9	64.3
USE A COMPUTER TO MONITOR PUPIL PROGRESS	10	9.6	0	0.0	4	40.0	0	0.0	5	50.0

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

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Q6 (CONTINUED) WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 (CONTINUED) FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
MATERIALS FOR INDEPENDENT CHILD USE	76	73.1	11	14.5	13	17.1	45	59.2	3	3.9
ADAPTIVE EQUIPMENT	58	55.8	21	36.2	8	13.8	20	34.5	6	10.3
MEDIA HARDWARE AND EQUIPMENT	47	45.2	18	38.3	5	10.6	22	46.8	2	4.3
PROGRAMMED INSTRUCTIONAL MATERIALS	41	39.4	4	9.8	12	29.3	13	31.7	7	17.1
MULTIMEDIA KITS	28	26.9	5	17.9	6	21.4	11	39.3	4	14.3
HOW TO MAKE										
TACTILE MATERIALS	87	83.7	30	34.5	8	9.2	43	49.4	3	3.4
AUDIO MATERIALS	55	52.9	21	38.2	6	10.9	23	41.8	2	3.6
A MASTER FOR REPRODUCTION UNITS	41	39.4	15	36.6	7	17.1	18	43.9	1	2.4
GRAPHICS (E.G., CHARTS, FLASH CARDS)	41	39.4	11	26.8	3	7.3	25	61.0	1	2.4
AUDIO-VISUAL MATERIALS	41	39.4	17	41.5	7	17.1	11	26.8	5	12.2
EXHIBITS	12	11.5	3	25.0	1	8.3	6	50.0	0	0.0
HOW TO OPERATE										
TAPE RECORDER	75	72.1	16	21.3	3	4.0	51	68.0	2	2.7
SPECIALIZED EQUIPMENT (E.G., OPTACON)	65	62.5	19	29.2	18	27.7	7	10.8	20	30.8
UNIQUE TEACHING MACHINES	43	41.3	6	14.0	12	27.9	8	18.6	15	34.9
FILMSTRIP PROJECTOR	32	30.8	7	21.9	4	12.5	17	53.1	3	9.4
FILM PROJECTOR	30	28.8	10	33.3	4	13.3	10	33.3	5	16.7
DRY MOUNT PRESS/LAMINATOR	28	26.9	8	28.6	2	7.1	9	32.1	8	28.6
VIDEOTAPE EQUIPMENT	17	16.3	2	11.8	3	17.6	4	23.5	7	41.2
COMPUTER-BASED INSTRUCTIONAL EQUIPMENT	15	14.4	1	6.7	3	20.0	0	0.0	10	66.7
STILL PHOTOGRAPHIC EQUIPMENT	11	10.6	1	9.1	1	9.1	5	45.5	3	27.3
MOTION PICTURE CAMERA	6	5.8	1	16.7	0	0.0	3	50.0	2	33.3

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

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Q8 FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 8, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

	Q8		PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO SPECIFIC OBJECTIVES FOR	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
SOCIAL/PERSONAL DEVEL.	43	41.3	3	7.0	0	0.0	3	7.0	8	18.6	2	4.7	8	18.6	1	2.3	13	30.2
COGNITIVE DEVELOPMENT	32	30.8	2	6.3	0	0.0	3	9.4	4	12.5	2	6.3	14	43.8	1	3.1	2	6.3
ACADEMIC DEVELOPMENT	30	28.8	4	13.3	2	6.7	1	3.3	3	10.0	0	0.0	9	30.0	0	0.0	6	20.0
PSYCHOMOTOR DEVELOP.	25	24.0	2	8.0	0	0.0	5	20.0	3	12.0	1	4.0	9	36.0	1	4.0	2	8.0
LANGUAGE/SPEECH DEVEL.	18	17.3	2	11.1	0	0.0	1	5.6	4	22.2	1	5.6	5	27.8	0	0.0	3	16.7
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO																		
PUPIL FUNCTIONAL LEVEL	31	29.8	3	9.7	1	3.2	0	0.0	7	22.6	1	3.2	10	32.3	0	0.0	5	16.1
PUPIL INPUT MODE	21	20.2	1	4.8	0	0.0	1	4.8	2	9.5	0	0.0	11	52.4	1	4.8	2	9.5
PUPIL INTEREST LEVEL	15	14.4	2	13.3	1	6.7	2	13.3	3	20.0	0	0.0	1	6.7	1	6.7	3	20.0
PUPIL RESPONSE MODE	11	10.6	1	9.1	1	9.1	1	9.1	2	18.2	0	0.0	2	18.2	2	18.2	1	9.1
PUPIL CULT. BACKGROUND	5	4.8	0	0.0	1	20.0	0	0.0	0	0.0	1	20.0	2	40.0	0	0.0	1	20.0
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO																		
PUPIL FUNCTIONAL LEVEL	37	35.6	2	5.4	2	5.4	0	0.0	6	16.2	4	10.8	13	35.1	1	2.7	7	18.9
PUPIL INPUT MODE	30	28.8	4	13.3	0	0.0	3	10.0	6	20.0	1	3.3	9	30.0	1	3.3	5	16.7
SPECIFIC LRNG OBJCTVS.	27	26.0	5	18.5	3	11.1	1	3.7	3	11.1	2	7.4	8	29.6	0	0.0	2	7.4
PUPIL RESPONSE MODE	17	16.3	3	17.6	0	0.0	2	11.8	3	17.6	2	11.8	1	5.9	1	5.9	5	29.4
PUPIL INTEREST LEVEL	15	14.4	0	0.0	0	0.0	0	0.0	4	26.7	2	13.3	2	13.3	1	6.7	4	26.7
PUPIL CULT. BACKGROUND	7	6.7	1	14.3	0	0.0	0	0.0	1	14.3	1	14.3	4	57.1	0	0.0	0	0.0
HOW TO																		
TRAIN PARENTS IN MTRLS	34	32.7	2	5.9	5	14.7	3	8.8	8	23.5	2	5.9	9	26.5	0	0.0	2	5.9
EVAL. MEDIA/MATERIALS	21	20.2	1	4.8	1	4.8	0	0.0	2	9.5	0	0.0	6	28.6	0	0.0	10	47.6
COORD. TWO/MORE MTRLS	14	13.5	1	7.1	0	0.0	2	14.3	2	14.3	1	7.1	2	14.3	1	7.1	4	28.6
PREPARE MULTIMEDIA KITS	12	11.5	1	8.3	1	8.3	0	0.0	2	16.7	1	8.3	3	25.0	2	16.7	1	8.3
USE LRNG RESOURCE CTR	10	9.6	0	0.0	1	10.0	0	0.0	4	40.0	1	10.0	1	10.0	0	0.0	3	30.0
USE COMPUTER TO DIAG.	10	9.6	1	10.0	0	0.0	0	0.0	2	20.0	0	0.0	5	50.0	0	0.0	2	20.0
PLAN MULTIMEDIA PRES.	8	7.7	0	0.0	1	12.5	1	12.5	1	12.5	2	25.0	2	25.0	1	12.5	0	0.0
USE COMPUTER FOR INFO	8	7.7	1	12.5	0	0.0	1	12.5	2	25.0	0	0.0	4	50.0	0	0.0	0	0.0
INTERPRET M/M RESEARCH	7	6.7	0	0.0	0	0.0	1	14.3	1	14.3	0	0.0	4	57.1	0	0.0	1	14.3
USE COMPUTER TO MONITOR	6	5.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	50.0	1	16.7	2	33.3

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Q8 (CONTINUED) FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 (CONTINUED) FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 8, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

			PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
INDEP. CHILD USE MTRLS	22	21.2	1	4.5	6	27.3	0	0.0	5	22.7	2	9.1	3	13.6	1	4.5	4	18.2
ADAPTIVE EQUIPMENT	15	14.4	1	6.7	1	6.7	1	6.7	3	20.0	0	0.0	3	20.0	4	26.7	1	6.7
PROGRAMMED MATERIALS	14	13.5	0	0.0	1	7.1	0	0.0	4	28.6	0	0.0	4	28.6	2	14.3	2	14.3
MULTIMEDIA KITS	5	4.8	0	0.0	1	20.0	0	0.0	0	0.0	0	0.0	1	20.0	2	40.0	0	0.0
MEDIA HARDWARE/EQUIP.	4	3.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	25.0	2	50.0	0	0.0
HOW TO MAKE																		
TACTILE MATERIALS	21	20.2	3	14.3	0	0.0	1	4.8	5	23.8	0	0.0	6	28.6	1	4.8	4	19.0
AUDIO-VISUAL MATERIALS	9	8.7	1	11.1	0	0.0	0	0.0	3	33.3	0	0.0	3	33.3	0	0.0	2	22.2
AUDIO MATERIALS	5	4.8	0	0.0	0	0.0	0	0.0	1	20.0	0	0.0	2	40.0	1	20.0	1	20.0
REPRODUCTION MASTERS	2	1.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0
GRAPHICS (E.G., CHARTS)	2	1.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0
EXHIBITS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
HOW TO OPERATE																		
SPECIALIZED EQUIPMENT	33	31.7	0	0.0	0	0.0	4	12.1	3	9.1	1	3.0	11	33.3	11	33.3	2	6.1
UNIQUE TCHNG MACHINES	11	10.6	0	0.0	0	0.0	0	0.0	3	27.3	0	0.0	1	9.1	7	63.6	0	0.0
VIDEOTAPE EQUIPMENT	7	6.7	0	0.0	0	0.0	0	0.0	3	42.9	0	0.0	1	14.3	3	42.9	0	0.0
COMPUTER-BASED EQUIP.	6	5.8	0	0.0	0	0.0	0	0.0	1	16.7	0	0.0	2	33.3	3	50.0	0	0.0
DRY MOUNT/LAMINATOR	4	3.8	0	0.0	0	0.0	0	0.0	1	25.0	0	0.0	1	25.0	1	25.0	1	25.0
TAPE RECORDER	2	1.9	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	1	50.0
STILL PHOTOG. EQUIP.	2	1.9	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	1	50.0	0	0.0	0	0.0
MOTION PICTURE CAMERA	2	1.9	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0
FILMSTRIP PROJECTOR	1	1.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0
FILM PROJECTOR	1	1.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0

USERS' GUIDE TO NNA ANALYSIS

SECTION III. TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

RESPONDENT POPULATION 1: TEACHERS OF THE BLIND AND VISUALLY IMPAIRED

SUBSECTION E. DEMOGRAPHIC DESCRIPTION OF THE SUBGROUP OF INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHERS

ON THE FOLLOWING FOUR PAGES IS A DEMOGRAPHIC DESCRIPTION OF THE SUBGROUP OF INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHERS FROM THE RESPONDENT POPULATION ABOVE. FOR PURPOSES OF THE ANALYSES IN THIS AND THE NEXT SUBSECTION (F), "INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHER" IS DEFINED AS A RESPONDENT WHO INDICATED IN THE DEMOGRAPHIC SECTION (PAGE 11) OF THE QUESTIONNAIRE EITHER

(1) THAT HE IS EMPLOYED BY THE LOCAL PUBLIC SCHOOL DISTRICT OR A STATE AGENCY OTHER THAN THE STATE EDUCATION AGENCY (QUESTION 8) AND THAT HE WORKS PRIMARILY AT A SPECIAL EDUCATION RESIDENTIAL SCHOOL, DEVELOPMENTAL CENTER, CLINIC OR REHABILITATION AGENCY, HOSPITAL, OR OTHER FACILITY (QUESTION 9),

OR (2) THAT HE IS EMPLOYED BY A PRIVATE OR NONPUBLIC AGENCY OR OTHER AGENCY (QUESTION 8) REGARDLESS OF THE TYPE OF FACILITY IN WHICH HE WORKS (QUESTION 9).

THE SUBGROUP IDENTIFICATION APPEARS IN THE UPPER RIGHT CORNER OF THE PAGE, OPPOSITE THE RESPONDENT POPULATION DESCRIPTION. BELOW IT APPEARS THE NUMBER OF RESPONDENTS IN THIS SUBGROUP. PRESENTED FOR EACH QUESTION, 2 THROUGH 11, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. ALL PERCENTAGE CALCULATIONS ARE BASED ON THE NUMBER OF RESPONDENTS IN THE SUBGROUP. (NOTE: QUESTION 1 CONSISTED OF A ZIP CODE IDENTIFIER WHICH WAS USED ONLY TO CLASSIFY RESPONDENTS BY STATE.)

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q2 WHAT IS YOUR HIGHEST LEVEL OF FORMAL EDUCATION IN EACH OF THE THREE CATEGORIES BELOW

	IN CURRENT TEACHING SPECIALTY		IN OTHER EDUCATION-RELATED SPECIALTY		IN OTHER FIELD	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
SOME COLLEGE COURSES	9	7.5	16	13.3	23	19.2
BACHELOR'S DEGREE	13	10.8	23	19.2	19	15.8
WORK BEYOND THE B.A.	37	30.8	35	29.2	12	10.0
MASTER'S DEGREE	23	19.2	13	10.8	3	2.5
WORK BEYOND THE M.A.	24	20.0	10	8.3	4	3.3
PH.D., ED.D.	1	0.8	0	0.0	0	0.0
NONE	3	2.5	6	5.0	16	13.3
INVALID OR NO RESPONSE	10	8.3	17	14.2	43	35.8

Q3 WHAT IS THE EXTENT OF YOUR PROFESSIONAL EXPERIENCE IN EACH OF THE TWO CATEGORIES BELOW

	TEACHING THE HANDICAPPED		OTHER TEACHING	
	FREQ.	PCT	FREQ.	PCT
LESS THAN 1 YEAR	11	9.2	25	20.8
1 TO 3 YEARS	23	19.2	20	16.7
4 TO 7 YEARS	38	31.7	13	10.8
8 TO 15 YEARS	35	29.2	7	5.8
16 OR MORE YEARS	13	10.8	6	5.0
NONE	0	0.0	23	19.2
INVALID OR NO RESPONSE	0	0.0	26	21.7

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q4 WHAT IS YOUR PRIMARY ROLE THIS SCHOOL YEAR

	FREQ.	PCT
SPECIAL CLASS TEACHER -- SPECIFIC SUBJECT(S)	33	27.5
SPECIAL CLASS TEACHER -- ALL SUBJECTS	32	26.7
REGULAR CLASSROOM TEACHER	23	19.2
ITINERANT TEACHER	8	6.7
ITINERANT RESOURCE PERSON	3	2.5
DIAGNOSTIC/PRESCRIPTIVE TEACHER	3	2.5
RESOURCE ROOM TEACHER	2	1.7
MEDIA SPECIALIST OR LIBRARIAN	2	1.7
CLINICIAN/THERAPIST/PATHOLOGIST	1	0.8
HOME/HOSPITAL-BOUND TEACHER	0	0.0
OTHER	12	10.0
INVALID OR NO RESPONSE	1	0.8

Q5 HOW MANY HANDICAPPED STUDENTS ARE YOU WORKING WITH AT THE PRESENT TIME

	FREQ.	PCT
5 TO 9	29	24.2
10 TO 19	27	22.5
40 OR MORE	21	17.5
20 TO 29	18	15.0
30 TO 39	17	14.2
4 OR FEWER	8	6.7
INVALID OR NO RESPONSE	0	0.0

Q6 IN YOUR TEACHING, HOW DO YOU PRESENTLY SPEND MOST OF YOUR TIME

	FREQ.	PCT
WITH SMALL GROUPS (2 TO 6 STUDENTS)	52	43.3
WITH INDIVIDUAL STUDENTS	46	38.3
WITH LARGER GROUPS (7 OR MORE STUDENTS)	22	18.3
INVALID OR NO RESPONSE	0	0.0

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Q7 WHICH CHRONOLOGICAL AGE CATEGORY BELOW BEST DESCRIBES YOUR CURRENT STUDENTS

	FREQ.	PCT
ALL AGES	34	28.3
12 AND OLDER	26	21.7
5 TO 8	15	12.5
15 TO 17	14	11.7
12 TO 14	12	10.0
11 AND YOUNGER	8	6.7
9 TO 11	5	4.2
4 AND YOUNGER	3	2.5
18 AND OLDER	2	1.7
INVALID OR NO RESPONSE	1	0.8

Q8 BY WHICH OF THE FOLLOWING ARE YOU EMPLOYED

	FREQ.	PCT
STATE AGENCY OTHER THAN STATE EDUCATION AGENCY	53	44.2
PRIVATE OR NONPUBLIC AGENCY	11	9.2
LOCAL PUBLIC SCHOOL DISTRICT	1	0.8
OTHER AGENCY	55	45.8
INVALID OR NO RESPONSE	0	0.0

Q9 AT WHAT TYPE OF FACILITY DO YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
SPECIAL EDUCATION RESIDENTIAL SCHOOL	99	82.5
REGULAR SCHOOL	9	7.5
DEVELOPMENTAL CENTER	4	3.3
SPECIAL EDUCATION SCHOOL (NONRESIDENTIAL)	2	1.7
CLINIC OR REHABILITATION AGENCY	1	0.8
HOSPITAL	0	0.0
OTHER FACILITY	5	4.2
INVALID OR NO RESPONSE	0	0.0

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Q10 WHAT IS THE TOTAL ENROLLMENT OF THE SCHOOL AT WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
100 TO 249	63	52.5
LESS THAN 100	27	22.5
250 TO 499	13	10.8
500 TO 999	7	5.8
1,000 OR MORE	1	0.8
NOT APPLICABLE	9	7.5
INVALID OR NO RESPONSE	0	0.0

Q11 WHICH BEST DESCRIBES THE TYPE OF COMMUNITY IN WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
SMALL CITY (25,000 -- 100,000)	39	32.5
LARGE CITY (500,000 OR LARGER)	26	21.7
TOWN (25,000 OR UNDER)	21	17.5
MEDIUM-SIZE CITY (100,000 -- 500,000)	20	16.7
RURAL AREA NEAR A LARGE OR MEDIUM-SIZE CITY	6	5.0
SUBURB OF A LARGE OR MEDIUM-SIZE CITY	4	3.3
RURAL AREA NOT NEAR A LARGE OR MEDIUM-SIZE CITY	3	2.5
INVALID OR NO RESPONSE	1	0.8

USERS' GUIDE TO NNA ANALYSIS

SECTION III. TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

RESPONDENT POPULATION 1: TEACHERS OF THE BLIND AND VISUALLY IMPAIRED

SUBSECTION F. ANALYSIS OF ITEMS ON TRAINING FOR THE SUBGROUP OF INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHERS

THE NEXT SIX PAGES CONTAIN THE ANALYSES OF THE ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS FOR THE SUBGROUP OF INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHERS FROM THE RESPONDENT POPULATION ABOVE. (THE TERM "INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHER" IS DEFINED IN THE INTRODUCTION TO SUBSECTION E.) THIS SUBGROUP IS INDICATED IN THE UPPER RIGHT CORNER OF THE PAGE, OPPOSITE THE DESCRIPTION OF THE RESPONDENT POPULATION. BELOW IT APPEARS THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

PRESENTED FOR EACH QUESTION, 1 THROUGH 9, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. ALL PERCENTAGE CALCULATIONS, EXCEPT THOSE FOR QUESTIONS 7 AND 9, ARE BASED ON THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

FOR QUESTIONS 7 AND 9, THE RESPONDENT BASE IS RESTRICTED IN A MANNER THAT IS EVIDENT FROM READING THE QUESTIONS; I.E., THE RESPONSE TO EACH ALTERNATIVE IN QUESTION 7 IS PREDICATED UPON A RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6. THEREFORE, THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 7 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6, RATHER THAN THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

QUESTION 9 IS SIMILARLY CONTINGENT UPON QUESTION 8. THAT IS, A RESPONSE TO A GIVEN ALTERNATIVE FOR QUESTION 9 WAS APPROPRIATE ONLY IF THAT SAME ALTERNATIVE WAS CHOSEN IN QUESTION 8, AND THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 9 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 8.

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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q1 FROM WHICH OF THE FOLLOWING SOURCES DO YOU OBTAIN MOST OF YOUR INFORMATION ABOUT TRAINING OPPORTUNITIES

	FREQ.	PCT
NO SOURCE AVAILABLE	1	0.8
SUPERVISOR	54	45.0
WORD OF MOUTH FROM COLLEAGUES	53	44.2
WORKSHOPS AND CONFERENCES	49	40.8
PROFESSIONAL JOURNALS	40	33.3
COLLEGE BULLETINS AND ANNOUNCEMENTS	39	32.5
REGIONAL (IN-STATE) NEWSLETTERS/ANNOUNCEMENTS	18	15.0
REGIONAL (MULTI-STATE) NEWSLETTERS/ANNOUNCEMENTS	15	12.5
NATIONAL NEWSLETTERS/ANNOUNCEMENTS	15	12.5
STATE NEWSLETTERS/ANNOUNCEMENTS	12	10.0
DISTRICT NEWSLETTERS/ANNOUNCEMENTS	9	7.5
PUBLIC MEDIA ANNOUNCEMENTS	9	7.5
PUBLISHERS' BROCHURES	5	4.2
OTHER	6	5.0

Q2 TO WHAT EXTENT IS EACH OF THE FOLLOWING AN OBSTACLE TO ACQUIRING THE MEDIA AND MATERIALS TRAINING YOU NEED

	GREAT		MODERATE		LITTLE OR NOT AT ALL		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
INCONVENIENT LOCATION OF TRAINING PROGRAMS	50	41.7	31	25.8	28	23.3	11	9.2
INSUFFICIENT RELEASED TIME	43	35.8	34	28.3	30	25.0	13	10.8
TOO EXPENSIVE	42	35.0	39	32.5	23	19.2	16	13.3
INCONVENIENT SCHEDULING OF TRAINING PROGRAMS	36	30.0	42	35.0	26	21.7	16	13.3
TRAINING I NEED NOT OFFERED	24	20.0	43	35.8	37	30.8	16	13.3
LACK OF INFORMATION ABOUT TRAINING OPPORTUNITIES	24	20.0	46	38.3	34	28.3	16	13.3
LACK OF QUALIFIED TRAINERS	21	17.5	42	35.0	35	29.2	22	18.3
NEGATIVE ATTITUDE OF ADMINISTRATORS/OTHER TEACHERS	14	11.7	29	24.2	57	47.5	20	16.7
OTHER	5	4.2	4	3.3	26	21.7	85	70.8

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Q3 HOW ARE YOUR TRAINING NEEDS USUALLY MADE KNOWN TO ADMINISTRATIVE PERSONNEL IN YOUR DISTRICT OR FACILITY

	FREQ.	PCT
REQUEST TO SUPERVISOR	66	55.0
NO REGULAR PROCEDURE TO MAKE TRAINING NEEDS KNOWN	42	35.0
DIRECT REQUEST TO DISTRICT OFFICE	5	4.2
STRUCTURED INTERVIEW/QUESTIONNAIRE	2	1.7
OTHER PROCEDURE	1	0.8
INVALID OR NO RESPONSE	4	3.3

Q4 HAVE PACKAGED TRAINING KITS AND/OR PROGRAMMED MATERIALS PLAYED AN IMPORTANT ROLE IN YOUR TRAINING

	YES		NO		NEVER USED		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
DURING PRESERVICE/IN COLLEGE	21	17.5	44	36.7	49	40.8	6	5.0
DURING INSERVICE	23	19.2	39	32.5	52	43.3	6	5.0
ON YOUR OWN	37	30.8	32	26.7	48	40.0	3	2.5

Q5 HOW VALUABLE WOULD SELF-INSTRUCTIONAL TRAINING KITS BE FOR YOUR TRAINING NEEDS IN EACH OF THE FOLLOWING SKILLS

	OF GREAT VALUE		OF SOME VALUE		OF LITTLE OR NO VALUE		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
MATCHING MEDIA/MATERIALS TO LEARNER NEEDS	60	50.0	45	37.5	13	10.8	2	1.7
DESIGNING MEDIA/MATERIALS	60	50.0	38	31.7	19	15.8	3	2.5
ADAPTING MEDIA/MATERIALS	59	49.2	47	39.2	11	9.2	3	2.5
UTILIZING MEDIA/MATERIALS	52	43.3	47	39.2	14	11.7	7	5.8
SELECTING/EVALUATING MEDIA/MATERIALS	48	40.0	48	40.0	20	16.7	4	3.3
REPAIRING MEDIA AND EQUIPMENT	29	24.2	39	32.5	48	40.0	4	3.3

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Q6 WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
HOW TO SELECT MEDIA AND MATERIALS ACCORDING TO SPECIFIC LEARNING OBJECTIVES FOR	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
COGNITIVE DEVELOPMENT	86	71.7	43	50.0	14	16.3	19	22.1	5	5.8
SOCIAL/PERSONAL DEVELOPMENT	84	70.0	32	38.1	10	11.9	31	36.9	7	8.3
ACADEMIC DEVELOPMENT	76	63.3	54	71.1	5	6.6	12	15.8	2	2.6
PSYCHOMOTOR DEVELOPMENT	62	51.7	25	40.3	10	16.1	19	30.6	4	6.5
LANGUAGE/SPEECH DEVELOPMENT	61	50.8	36	59.0	7	11.5	15	24.6	1	1.6
HOW TO SELECT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	108	90.0	45	41.7	12	11.1	38	35.2	7	6.5
PUPIL INTEREST LEVEL	82	68.3	29	35.4	6	7.3	34	41.5	8	9.8
PUPIL RESPONSE MODE	58	48.3	21	36.2	9	15.5	20	34.5	7	12.1
PUPIL SENSORY INPUT MODE	57	47.5	22	38.6	10	17.5	17	29.8	6	10.5
PUPIL CULTURAL BACKGROUND	31	25.8	9	29.0	4	12.9	10	32.3	7	22.6
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	102	85.0	41	40.2	12	11.8	41	40.2	4	3.9
SPECIFIC LEARNING OBJECTIVES	85	70.8	44	51.8	12	14.1	20	23.5	4	4.7
PUPIL INTEREST LEVEL	75	62.5	23	30.7	5	6.7	39	52.0	5	6.7
PUPIL SENSORY INPUT MODE	56	46.7	20	35.7	8	14.3	18	32.1	6	10.7
PUPIL RESPONSE MODE	54	45.0	17	31.5	7	13.0	23	42.6	5	9.3
PUPIL CULTURAL BACKGROUND	27	22.5	8	29.6	2	7.4	11	40.7	4	14.8
HOW TO										
EVALUATE EFFECTIVENESS OF MEDIA/MATERIALS	84	70.0	28	33.3	6	7.1	34	40.5	12	14.3
COORDINATE TWO OR MORE KINDS OF MATERIALS	58	48.3	15	25.9	3	5.2	32	55.2	6	10.3
TRAIN PARENTS IN USE OF CHILD INSTR. MTRLS	43	35.8	6	14.0	4	9.3	6	14.0	26	60.5
USE INSTR. MATERIALS/LEARNING RESOURCE CENTER	37	30.8	12	32.4	6	16.2	13	35.1	4	10.8
INTERPRET RESEARCH ON MEDIA/MATERIALS	31	25.8	18	58.1	2	6.5	6	19.4	5	16.1
PREPARE MULTIMEDIA KITS	26	21.7	4	15.4	3	11.5	9	34.6	8	30.8
PLAN/IMPLEMENT A MULTIMEDIA PRESENTATION	23	19.2	6	26.1	4	17.4	7	30.4	3	13.0
USE A COMPUTER TO OBTAIN MATERIALS INFO.	9	7.5	1	11.1	1	11.1	0	0.0	6	66.7
USE A COMPUTER TO MONITOR PUPIL PROGRESS	9	7.5	2	22.2	1	11.1	0	0.0	6	66.7
USE A COMPUTER TO DIAGNOSE LEARNER NEEDS	8	6.7	1	12.5	1	12.5	0	0.0	6	75.0

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

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Q6 (CONTINUED) WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 (CONTINUED) FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
MATERIALS FOR INDEPENDENT CHILD USE	73	60.8	16	21.9	5	6.8	36	49.3	8	11.0
MEDIA HARDWARE AND EQUIPMENT	55	45.8	23	41.8	10	18.2	18	32.7	3	5.5
ADAPTIVE EQUIPMENT	53	44.2	14	26.4	7	13.2	21	39.6	7	13.2
PROGRAMMED INSTRUCTIONAL MATERIALS	40	33.3	16	40.0	6	15.0	8	20.0	5	12.5
MULTIMEDIA KITS	26	21.7	10	38.5	4	15.4	5	19.2	4	15.4
HOW TO MAKE										
TACTILE MATERIALS	89	74.2	19	21.3	18	20.2	38	42.7	10	11.2
AUDIO MATERIALS	63	52.5	19	30.2	12	19.0	22	34.9	5	7.9
A MASTER FOR REPRODUCTION UNITS	52	43.3	11	21.2	18	34.6	17	32.7	4	7.7
AUDIO-VISUAL MATERIALS	43	35.8	18	41.9	11	25.6	11	25.6	1	2.3
GRAPHICS (E.G., CHARTS, FLASH CARDS)	33	27.5	11	33.3	4	12.1	16	48.5	0	0.0
EXHIBITS	29	24.2	6	20.7	2	6.9	17	58.6	1	3.4
HOW TO OPERATE										
TAPE RECORDER	66	55.0	14	21.2	10	15.2	36	54.5	2	3.0
SPECIALIZED EQUIPMENT (E.G., OPTACON)	53	44.2	14	26.4	15	28.3	7	13.2	16	30.2
FILMSTRIP PROJECTOR	45	37.5	13	28.9	13	28.9	15	33.3	1	2.2
FILM PROJECTOR	37	30.8	16	43.2	10	27.0	6	16.2	2	5.4
UNIQUE TEACHING MACHINES	37	30.8	6	16.2	9	24.3	7	18.9	12	32.4
VIDEOTAPE EQUIPMENT	35	29.2	8	22.9	5	14.3	7	20.0	14	40.0
DRY MOUNT PRESS/LAMINATOR	22	18.3	6	27.3	6	27.3	2	9.1	8	36.4
STILL PHOTOGRAPHIC EQUIPMENT	13	10.8	1	7.7	1	7.7	8	61.5	2	15.4
MOTION PICTURE CAMERA	13	10.8	2	15.4	2	15.4	5	38.5	4	30.8
COMPUTER-BASED INSTRUCTIONAL EQUIPMENT	12	10.0	1	8.3	1	8.3	0	0.0	10	83.3

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

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Q8 FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 8, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

	Q8		PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO SPECIFIC OBJECTIVES FOR	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
COGNITIVE DEVELOPMENT	40	33.3	2	5.0	0	0.0	3	7.5	3	7.5	2	5.0	20	50.0	2	5.0	7	17.5
SOCIAL/PERSONAL DEVEL.	39	32.5	2	5.1	1	2.6	5	12.8	5	12.8	1	2.6	10	25.6	1	2.6	11	28.2
ACADEMIC DEVELOPMENT	37	30.8	2	5.4	1	2.7	3	8.1	1	2.7	0	0.0	20	54.1	2	5.4	7	18.9
LANGUAGE/SPEECH DEVEL.	28	23.3	3	10.7	1	3.6	4	14.3	3	10.7	0	0.0	9	32.1	1	3.6	5	17.9
PSYCHOMOTOR DEVELOP.	26	21.7	4	15.4	1	3.8	2	7.7	4	15.4	1	3.8	9	34.6	1	3.8	4	15.4
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO																		
PUPIL FUNCTIONAL LEVEL	53	44.2	9	17.0	2	3.8	4	7.5	3	5.7	3	5.7	16	30.2	1	1.9	14	26.[illegible]
PUPIL INTEREST LEVEL	25	20.8	6	24.0	1	4.0	1	4.0	1	4.0	0	0.0	7	28.0	2	8.0	7	28.0
PUPIL INPUT MODE	17	14.2	3	17.6	2	11.8	2	11.8	0	0.0	0	0.0	6	35.3	2	11.8	1	5.9
PUPIL RESPONSE MODE	13	10.8	2	15.4	0	0.0	0	0.0	0	0.0	0	0.0	7	53.8	2	15.4	1	7.7
PUPIL CULT. BACKGROUND	7	5.8	2	28.6	1	14.3	0	0.0	0	0.0	0	0.0	3	42.9	0	0.0	1	14.3
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO																		
PUPIL FUNCTIONAL LEVEL	48	40.0	10	20.8	1	2.1	0	0.0	3	6.3	0	0.0	12	25.0	2	4.2	18	37.5
SPECIFIC LRNG OBJCTVS.	41	34.2	7	17.1	4	9.8	5	12.2	4	9.8	1	2.4	9	22.0	1	2.4	7	17.1
PUPIL INTEREST LEVEL	24	20.0	3	12.5	2	8.3	1	4.2	1	4.2	1	4.2	4	16.7	1	4.2	9	37.5
PUPIL INPUT MODE	15	12.5	2	13.3	3	20.0	2	13.3	0	0.0	1	6.7	4	26.7	1	6.7	1	6.7
PUPIL RESPONSE MODE	9	7.5	1	11.1	0	0.0	1	11.1	0	0.0	1	11.1	4	44.4	1	11.1	1	11.1
PUPIL CULT. BACKGROUND	6	5.0	2	33.3	1	16.7	0	0.0	0	0.0	0	0.0	0	0.0	1	16.7	2	33.3
HOW TO																		
EVAL. MEDIA/MATERIALS	39	32.5	3	7.7	1	2.6	4	10.3	5	12.8	1	2.6	14	35.9	0	0.0	9	23.1
TRAIN PARENTS IN MTRLS	26	21.7	6	23.1	3	11.5	4	15.4	3	11.5	2	7.7	5	19.2	0	0.0	3	11.5
USE LRNG RESOURCE CTR	17	14.2	1	5.9	2	11.8	2	11.8	2	11.8	0	0.0	6	35.3	1	5.9	2	11.8
INTERPRET M/M RESEARCH	14	11.7	1	7.1	1	7.1	1	7.1	1	7.1	0	0.0	7	50.0	1	7.1	1	7.1
COORD. TWO/MORE MTRLS	13	10.8	3	23.1	0	0.0	0	0.0	3	23.1	0	0.0	4	30.8	2	15.4	1	7.7
PREPARE MULTIMEDIA KITS	11	9.2	1	9.1	0	0.0	2	18.2	1	9.1	0	0.0	3	27.3	3	27.3	0	0.0
USE COMPUTER TO DIAG.	10	8.3	1	10.0	0	0.0	0	0.0	0	0.0	1	10.0	4	40.0	3	30.0	0	0.0
USE COMPUTER FOR INFO	9	7.5	1	11.1	0	0.0	0	0.0	0	0.0	2	22.2	3	33.3	1	11.1	0	0.0
PLAN MULTIMEDIA PRES.	5	4.2	1	20.0	0	0.0	1	20.0	1	20.0	0	0.0	2	40.0	0	0.0	0	0.0
USE COMPUTER TO MONITOR	5	4.2	1	20.0	0	0.0	0	0.0	0	0.0	0	0.0	3	60.0	0	0.0	0	0.0

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BLIND
VISUALLY IMPAIRED

INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHERS
NATIONAL REPORT
120 RESPONDENTS

ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q8 (CONTINUED) FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 (CONTINUED) FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 8, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES			PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
INDEP. CHILD USE MTRLS	28	23.3	1	3.6	3	10.7	2	7.1	3	10.7	0	0.0	4	14.3	4	14.3	9	32.1
ADAPTIVE EQUIPMENT	20	16.7	3	15.0	1	5.0	3	15.0	2	10.0	0	0.0	6	30.0	3	15.0	1	5.0
PROGRAMMED MATERIALS	16	13.3	1	6.3	0	0.0	3	18.8	1	6.3	0	0.0	3	18.8	5	31.3	2	12.5
MEDIA HARDWARE/EQUIP.	12	10.0	4	33.3	0	0.0	1	8.3	0	0.0	0	0.0	4	33.3	1	8.3	1	8.3
MULTIMEDIA KITS	7	5.8	1	14.3	0	0.0	0	0.0	0	0.0	0	0.0	2	28.6	3	42.9	1	14.3
HOW TO MAKE																		
TACTILE MATERIALS	28	23.3	4	14.3	0	0.0	2	7.1	3	10.7	2	7.1	6	21.4	3	10.7	6	21.4
AUDIO-VISUAL MATERIALS	11	9.2	4	36.4	0	0.0	2	18.2	1	9.1	1	9.1	2	18.2	1	9.1	0	0.0
REPRODUCTION MASTERS	7	5.8	1	14.3	2	28.6	0	0.0	0	0.0	0	0.0	1	14.3	1	14.3	1	14.3
AUDIO MATERIALS	6	5.0	2	33.3	0	0.0	0	0.0	0	0.0	0	0.0	1	16.7	1	16.7	2	33.3
EXHIBITS	4	3.3	0	0.0	1	25.0	0	0.0	1	25.0	0	0.0	1	25.0	0	0.0	0	0.0
GRAPHICS (E.G., CHARTS)	2	1.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	1	50.0
HOW TO OPERATE																		
SPECIALIZED EQUIPMENT	26	21.7	5	19.2	2	7.7	0	0.0	2	7.7	0	0.0	5	19.2	7	26.9	2	7.7
UNIQUE TCHNG MACHINES	12	10.0	1	8.3	2	16.7	0	0.0	1	8.3	0	0.0	3	25.0	2	16.7	2	16.7
VIDEOTAPE EQUIPMENT	10	8.3	2	20.0	0	0.0	1	10.0	0	0.0	0	0.0	1	10.0	3	30.0	1	10.0
TAPE RECORDER	8	6.7	1	12.5	4	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	37.5
COMPUTER-BASED EQUIP.	7	5.8	0	0.0	0	0.0	0	0.0	1	14.3	0	0.0	1	14.3	2	28.6	1	14.3
DRY MOUNT/LAMINATOR	6	5.0	1	16.7	2	33.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	33.3
MOTION PICTURE CAMERA	5	4.2	1	20.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	20.0	2	40.0
FILM PROJECTOR	4	3.3	2	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	25.0
FILMSTRIP PROJECTOR	3	2.5	1	33.3	1	33.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
STILL PHOTOG. EQUIP.	3	2.5	1	33.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	33.3

SECTION III. TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

RESPONDENT POPULATION 2: TEACHERS OF THE DEAF AND HARD OF HEARING

SUBSECTION A. DEMOGRAPHIC DESCRIPTION OF THE RESPONDENT POPULATION

ON THE FOLLOWING FOUR PAGES IS A DEMOGRAPHIC DESCRIPTION OF THE RESPONDENT POPULATION ABOVE. PRESENTED FOR EACH QUESTION, 2 THROUGH 11, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. (NOTE: QUESTION 1 CONSISTED OF A ZIP CODE IDENTIFIER WHICH WAS USED ONLY TO CLASSIFY RESPONDENTS BY STATE.)

TEACHERS OF
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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q2 WHAT IS YOUR HIGHEST LEVEL OF FORMAL EDUCATION IN EACH OF THE THREE CATEGORIES BELOW

	IN CURRENT TEACHING SPECIALTY		IN OTHER EDUCATION-RELATED SPECIALTY		IN OTHER FIELD	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
SOME COLLEGE COURSES	33	5.1	81	12.6	116	18.0
BACHELOR'S DEGREE	152	23.6	137	21.3	77	12.0
WORK BEYOND THE B.A.	125	19.4	131	20.3	34	5.3
MASTER'S DEGREE	172	26.7	48	7.5	15	2.3
WORK BEYOND THE M.A.	101	15.7	63	9.8	15	2.3
PH.D., ED.D.	1	0.2	0	0.0	0	0.0
NONE	8	1.2	40	6.2	118	18.3
INVALID OR NO RESPONSE	52	8.1	144	22.4	269	41.8

Q3 WHAT IS THE EXTENT OF YOUR PROFESSIONAL EXPERIENCE IN EACH OF THE TWO CATEGORIES BELOW

	TEACHING THE HANDICAPPED		OTHER TEACHING	
	FREQ.	PCT	FREQ.	PCT
LESS THAN 1 YEAR	63	9.8	100	15.5
1 TO 3 YEARS	164	25.5	106	16.5
4 TO 7 YEARS	184	28.6	35	5.4
8 TO 15 YEARS	144	22.4	28	4.3
16 OR MORE YEARS	76	11.8	5	0.8
NONE	2	0.3	150	23.3
INVALID OR NO RESPONSE	11	1.7	220	34.2

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q4 WHAT IS YOUR PRIMARY ROLE THIS SCHOOL YEAR

	FREQ.	PCT
SPECIAL CLASS TEACHER -- ALL SUBJECTS	239	37.1
SPECIAL CLASS TEACHER -- SPECIFIC SUBJECT(S)	149	23.1
REGULAR CLASSROOM TEACHER	91	14.1
ITINERANT TEACHER	47	7.3
RESOURCE ROOM TEACHER	32	5.0
CLINICIAN/THERAPIST/PATHOLOGIST	22	3.4
ITINERANT RESOURCE PERSON	6	0.9
MEDIA SPECIALIST OR LIBRARIAN	5	0.8
DIAGNOSTIC/PRESCRIPTIVE TEACHER	5	0.8
HOME/HOSPITAL-BOUND TEACHER	0	0.0
OTHER	37	5.7
INVALID OR NO RESPONSE	11	1.7

Q5 HOW MANY HANDICAPPED STUDENTS ARE YOU WORKING WITH AT THE PRESENT TIME

	FREQ.	PCT
5 TO 9	271	42.1
10 TO 19	124	19.3
40 OR MORE	99	15.4
20 TO 29	61	9.5
30 TO 39	40	6.2
4 OR FEWER	39	6.1
INVALID OR NO RESPONSE	10	1.6

Q6 IN YOUR TEACHING, HOW DO YOU PRESENTLY SPEND MOST OF YOUR TIME

	FREQ.	PCT
WITH SMALL GROUPS (2 TO 6 STUDENTS)	369	57.3
WITH INDIVIDUAL STUDENTS	152	23.6
WITH LARGER GROUPS (7 OR MORE STUDENTS)	104	16.1
INVALID OR NO RESPONSE	19	3.0

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q7 WHICH CHRONOLOGICAL AGE CATEGORY BELOW BEST DESCRIBES YOUR CURRENT STUDENTS

	FREQ.	PCT
12 TO 14	126	19.6
5 TO 8	94	14.6
9 TO 11	87	13.5
ALL AGES	85	13.2
15 TO 17	79	12.3
12 AND OLDER	59	9.2
4 AND YOUNGER	37	5.7
11 AND YOUNGER	37	5.7
18 AND OLDER	26	4.0
INVALID OR NO RESPONSE	14	2.2

Q8 BY WHICH OF THE FOLLOWING ARE YOU EMPLOYED

	FREQ.	PCT
LOCAL PUBLIC SCHOOL DISTRICT	296	46.0
STATE AGENCY OTHER THAN STATE EDUCATION AGENCY	217	33.7
PRIVATE OR NONPUBLIC AGENCY	53	8.2
OTHER AGENCY	65	10.1
INVALID OR NO RESPONSE	13	2.0

Q9 AT WHAT TYPE OF FACILITY DO YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
SPECIAL EDUCATION RESIDENTIAL SCHOOL	282	43.8
REGULAR SCHOOL	255	39.6
SPECIAL EDUCATION SCHOOL (NONRESIDENTIAL)	71	11.0
DEVELOPMENTAL CENTER	2	0.3
HOSPITAL	2	0.3
CLINIC OR REHABILITATION AGENCY	0	0.0
OTHER FACILITY	23	3.6
INVALID OR NO RESPONSE	9	1.4

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q10 WHAT IS THE TOTAL ENROLLMENT OF THE SCHOOL AT WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
250 TO 499	240	37.3
100 TO 249	155	24.1
500 TO 999	103	16.0
LESS THAN 100	52	8.1
1,000 OR MORE	49	7.6
NOT APPLICABLE	35	5.4
INVALID OR NO RESPONSE	10	1.6

Q11 WHICH BEST DESCRIBES THE TYPE OF COMMUNITY IN WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
SMALL CITY (25,000 -- 100,000)	159	24.7
MEDIUM-SIZE CITY (100,000 -- 500,000)	149	23.1
TOWN (25,000 OR UNDER)	112	17.4
LARGE CITY (500,000 OR LARGER)	111	17.2
SUBURB OF A LARGE OR MEDIUM-SIZE CITY	60	9.3
RURAL AREA NEAR A LARGE OR MEDIUM-SIZE CITY	29	4.5
RURAL AREA NOT NEAR A LARGE OR MEDIUM-SIZE CITY	13	2.0
INVALID OR NO RESPONSE	11	1.7

USERS' GUIDE TO NNA ANALYSIS

SECTION III. TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

RESPONDENT POPULATION 2: TEACHERS OF THE DEAF AND HARD OF HEARING

SUBSECTION B. ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

THE NEXT SIX PAGES CONTAIN THE ANALYSES OF THE ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS FOR THE RESPONDENT POPULATION ABOVE. PRESENTED FOR EACH QUESTION, 1 THROUGH 9, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. ALL PERCENTAGE CALCULATIONS, EXCEPT THOSE FOR QUESTIONS 7 AND 9, ARE BASED ON THE RESPONDENT POPULATION FREQUENCY IN THE UPPER RIGHT CORNER OF THE PAGE.

FOR QUESTIONS 7 AND 9, THE RESPONDENT BASE IS RESTRICTED IN A MANNER THAT IS EVIDENT FROM READING THE QUESTIONS; I.E., THE RESPONSE TO EACH ALTERNATIVE IN QUESTION 7 IS PREDICATED UPON A RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6. THEREFORE, THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 7 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6, RATHER THAN THE RESPONDENT POPULATION FREQUENCY.

QUESTION 9 IS SIMILARLY CONTINGENT UPON QUESTION 8. THAT IS, A RESPONSE TO A GIVEN ALTERNATIVE FOR QUESTION 9 WAS APPROPRIATE ONLY IF THAT SAME ALTERNATIVE WAS CHOSEN IN QUESTION 8, AND THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 9 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 8.

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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q1 FROM WHICH OF THE FOLLOWING SOURCES DO YOU OBTAIN MOST OF YOUR INFORMATION ABOUT TRAINING OPPORTUNITIES

	FREQ.	PCT
NO SOURCE AVAILABLE	21	3.3
WORKSHOPS AND CONFERENCES	306	47.5
WORD OF MOUTH FROM COLLEAGUES	291	45.2
SUPERVISOR	254	39.4
COLLEGE BULLETINS AND ANNOUNCEMENTS	183	28.4
PROFESSIONAL JOURNALS	178	27.6
DISTRICT NEWSLETTERS/ANNOUNCEMENTS	110	17.1
REGIONAL (IN-STATE) NEWSLETTERS/ANNOUNCEMENTS	107	16.6
STATE NEWSLETTERS/ANNOUNCEMENTS	73	11.3
NATIONAL NEWSLETTERS/ANNOUNCEMENTS	72	11.2
PUBLISHERS' BROCHURES	61	9.5
REGIONAL (MULTI-STATE) NEWSLETTERS/ANNOUNCEMENTS	48	7.5
PUBLIC MEDIA ANNOUNCEMENTS	23	3.6
OTHER	37	5.7

Q2 TO WHAT EXTENT IS EACH OF THE FOLLOWING AN OBSTACLE TO ACQUIRING THE MEDIA AND MATERIALS TRAINING YOU NEED

	GREAT		MODERATE		LITTLE OR NOT AT ALL		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
INSUFFICIENT RELEASED TIME	248	38.5	174	27.0	136	21.1	86	13.4
TOO EXPENSIVE	211	32.8	200	31.1	145	22.5	88	13.7
INCONVENIENT LOCATION OF TRAINING PROGRAMS	209	32.5	196	30.4	158	24.5	81	12.6
INCONVENIENT SCHEDULING OF TRAINING PROGRAMS	181	28.1	227	35.2	158	24.5	78	12.1
LACK OF INFORMATION ABOUT TRAINING OPPORTUNITIES	129	20.0	230	35.7	200	31.1	85	13.2
LACK OF QUALIFIED TRAINERS	105	16.3	181	28.1	249	38.7	109	16.9
TRAINING I NEED NOT OFFERED	96	14.9	196	30.4	261	40.5	91	14.1
NEGATIVE ATTITUDE OF ADMINISTRATORS/OTHER TEACHERS	84	13.0	144	22.4	310	48.1	106	16.5
OTHER	19	3.0	18	2.8	90	14.0	517	80.3

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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q3 HOW ARE YOUR TRAINING NEEDS USUALLY MADE KNOWN TO ADMINISTRATIVE PERSONNEL IN YOUR DISTRICT OR FACILITY

	FREQ.	PCT
REQUEST TO SUPERVISOR	331	51.4
NO REGULAR PROCEDURE TO MAKE TRAINING NEEDS KNOWN	241	37.4
OTHER PROCEDURE	17	2.6
DIRECT REQUEST TO DISTRICT OFFICE	15	2.3
STRUCTURED INTERVIEW/QUESTIONNAIRE	7	1.1
INVALID OR NO RESPONSE	33	5.1

Q4 HAVE PACKAGED TRAINING KITS AND/OR PROGRAMMED MATERIALS PLAYED AN IMPORTANT ROLE IN YOUR TRAINING

	YES		NO		NEVER USED		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
DURING PRESERVICE/IN COLLEGE	150	23.3	206	32.0	252	39.1	36	5.6
DURING INSERVICE	171	26.6	222	34.5	212	32.9	39	6.1
ON YOUR OWN	205	31.8	176	27.3	208	32.3	55	8.5

Q5 HOW VALUABLE WOULD SELF-INSTRUCTIONAL TRAINING KITS BE FOR YOUR TRAINING NEEDS IN EACH OF THE FOLLOWING SKILLS

	OF GREAT VALUE		OF SOME VALUE		OF LITTLE OR NO VALUE		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
MATCHING MEDIA/MATERIALS TO LEARNER NEEDS	342	53.1	214	33.2	55	8.5	33	5.1
ADAPTING MEDIA/MATERIALS	306	47.5	238	37.0	60	9.3	40	6.2
DESIGNING MEDIA/MATERIALS	302	46.9	233	36.2	68	10.6	41	6.4
UTILIZING MEDIA/MATERIALS	259	40.2	292	45.3	54	8.4	39	6.1
SELECTING/EVALUATING MEDIA/MATERIALS	219	34.0	296	46.0	94	14.6	35	5.4
REPAIRING MEDIA AND EQUIPMENT	116	18.0	261	40.5	218	33.9	49	7.6

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Q6 WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
HOW TO SELECT MEDIA AND MATERIALS ACCORDING TO SPECIFIC LEARNING OBJECTIVES FOR										
LANGUAGE/SPEECH DEVELOPMENT	546	84.8	365	66.8	64	11.7	72	13.2	13	2.4
ACADEMIC DEVELOPMENT	466	72.4	284	60.9	39	8.4	103	22.1	11	2.4
COGNITIVE DEVELOPMENT	436	67.7	256	58.7	53	12.2	76	17.4	25	5.7
SOCIAL/PERSONAL DEVELOPMENT	426	66.1	143	33.6	49	11.5	171	40.1	38	8.9
PSYCHOMOTOR DEVELOPMENT	229	35.6	118	51.5	33	14.4	41	17.9	24	10.5
HOW TO SELECT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	567	88.0	206	36.3	89	15.7	205	36.2	32	5.6
PUPIL INTEREST LEVEL	492	76.4	131	26.6	62	12.6	250	50.8	25	5.1
PUPIL RESPONSE MODE	343	53.3	122	35.6	50	14.6	113	32.9	37	10.8
PUPIL SENSORY INPUT MODE	338	52.5	162	47.9	43	12.7	92	27.2	26	7.7
PUPIL CULTURAL BACKGROUND	166	25.8	34	20.5	19	11.4	79	47.6	22	13.3
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	526	81.7	173	32.9	74	14.1	211	40.1	33	6.3
SPECIFIC LEARNING OBJECTIVES	511	79.3	207	40.5	103	20.2	146	28.6	22	4.3
PUPIL INTEREST LEVEL	445	69.1	106	23.8	47	10.6	240	53.9	23	5.2
PUPIL RESPONSE MODE	312	48.4	102	32.7	40	12.8	110	35.3	38	12.2
PUPIL SENSORY INPUT MODE	311	48.3	134	43.1	38	12.2	93	29.9	29	9.3
PUPIL CULTURAL BACKGROUND	134	20.8	21	15.7	13	9.7	69	51.5	20	14.9
HOW TO										
EVALUATE EFFECTIVENESS OF MEDIA/MATERIALS	428	66.5	111	25.9	71	16.6	154	36.0	73	17.1
COORDINATE TWO OR MORE KINDS OF MATERIALS	330	51.2	65	19.7	57	17.3	149	45.2	37	11.2
USE INSTR. MATERIALS/LEARNING RESOURCE CENTER	305	47.4	71	23.3	83	27.2	83	27.2	37	12.1
TRAIN PARENTS IN USE OF CHILD INSTR. MTRLS	218	33.9	30	13.8	24	11.0	45	20.6	105	48.2
PLAN/IMPLEMENT A MULTIMEDIA PRESENTATION	168	26.1	47	28.0	29	17.3	53	31.5	25	14.9
PREPARE MULTIMEDIA KITS	151	23.4	34	22.5	23	15.2	41	27.2	42	27.8
INTERPRET RESEARCH ON MEDIA/MATERIALS	149	23.1	52	34.9	22	14.8	32	21.5	31	20.8
USE A COMPUTER TO DIAGNOSE LEARNER NEEDS	81	12.6	4	4.9	12	14.8	3	3.7	58	71.6
USE A COMPUTER TO MONITOR PUPIL PROGRESS	71	11.0	3	4.2	16	22.5	4	5.6	43	60.6
USE A COMPUTER TO OBTAIN MATERIALS INFO.	67	10.4	6	9.0	15	22.4	5	7.5	36	53.7

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

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Q6 (CONTINUED) WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 (CONTINUED) FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES										
MATERIALS FOR INDEPENDENT CHILD USE	342	53.1	65	19.0	67	19.6	145	42.4	39	11.4
MEDIA HARDWARE AND EQUIPMENT	279	43.3	113	40.5	90	32.3	50	17.9	13	4.7
PROGRAMMED INSTRUCTIONAL MATERIALS	266	41.3	59	22.2	64	24.1	75	28.2	44	16.5
MULTIMEDIA KITS	148	23.0	26	17.6	26	17.6	34	23.0	54	36.5
ADAPTIVE EQUIPMENT	142	22.0	33	23.2	38	26.8	37	26.1	23	16.2
HOW TO MAKE										
A MASTER FOR REPRODUCTION UNITS	397	61.6	145	36.5	95	23.9	128	32.2	7	1.8
GRAPHICS (E.G., CHARTS, FLASH CARDS)	354	55.0	116	32.8	47	13.3	164	46.3	10	2.8
AUDIO-VISUAL MATERIALS	302	46.9	118	39.1	59	19.5	79	26.2	18	6.0
TACTILE MATERIALS	203	31.5	62	30.5	27	13.3	82	40.4	17	8.4
EXHIBITS	154	23.9	47	30.5	15	9.7	65	42.2	18	11.7
AUDIO MATERIALS	147	22.8	48	32.7	32	21.8	40	27.2	11	7.5
HOW TO OPERATE										
FILMSTRIP PROJECTOR	370	57.5	143	38.6	74	20.0	130	35.1	6	1.6
FILM PROJECTOR	354	55.0	137	38.7	73	20.6	107	30.2	16	4.5
SPECIALIZED EQUIPMENT (E.G., OPTACON)	289	44.9	86	29.8	117	40.5	55	19.0	16	5.5
DRY MOUNT PRESS/LAMINATOR	254	39.4	92	36.2	73	28.7	51	20.1	25	9.8
TAPE RECORDER	231	35.9	63	27.3	20	8.7	128	55.4	7	3.0
VIDEOTAPE EQUIPMENT	187	29.0	48	25.7	60	32.1	33	17.6	39	20.9
UNIQUE TEACHING MACHINES	185	28.7	34	18.4	59	31.9	40	21.6	38	20.5
STILL PHOTOGRAPHIC EQUIPMENT	174	27.0	31	17.8	26	14.9	84	48.3	19	10.9
MOTION PICTURE CAMERA	104	16.1	22	21.2	20	19.2	36	34.6	16	15.4
COMPUTER-BASED INSTRUCTIONAL EQUIPMENT	89	13.8	4	4.5	22	24.7	10	11.2	43	48.3

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q8 FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 8, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

			PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO SPECIFIC OBJECTIVES FOR	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
LANGUAGE/SPEECH DEVEL.	383	59.5	40	10.4	36	9.4	47	12.3	48	12.5	4	1.0	134	35.0	8	2.1	60	15.7
ACADEMIC DEVELOPMENT	227	35.2	30	13.2	19	8.4	16	7.0	26	11.5	3	1.3	86	37.9	2	0.9	36	15.9
SOCIAL/PERSONAL DEVEL.	214	33.2	19	8.9	13	6.1	38	17.8	27	12.6	1	0.5	41	19.2	1	0.5	66	30.8
COGNITIVE DEVELOPMENT	191	29.7	14	7.3	14	7.3	22	11.5	19	9.9	3	1.6	82	42.9	0	0.0	28	14.7
PSYCHOMOTOR DEVELOP.	69	10.7	2	2.9	2	2.9	13	18.8	6	8.7	1	1.4	29	42.0	0	0.0	10	14.5
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO																		
PUPIL FUNCTIONAL LEVEL	220	34.2	23	10.5	22	10.0	16	7.3	29	13.2	5	2.3	42	19.1	11	5.0	64	29.1
PUPIL INTEREST LEVEL	156	24.2	18	11.5	10	6.4	15	9.6	18	11.5	0	0.0	17	10.9	7	4.5	65	41.7
PUPIL INPUT MODE	77	12.0	8	10.4	8	10.4	10	13.0	12	15.6	0	0.0	18	23.4	1	1.3	17	22.1
PUPIL RESPONSE MODE	61	9.5	6	9.8	7	11.5	6	9.8	7	11.5	0	0.0	14	23.0	1	1.6	19	31.1
PUPIL CULT. BACKGROUND	31	4.8	2	6.5	0	0.0	3	9.7	6	19.4	2	6.5	2	6.5	1	3.2	13	41.9
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO																		
SPECIFIC LRNG OBJCTVS.	224	34.8	30	13.4	23	10.3	19	8.5	37	16.5	3	1.3	57	25.4	5	2.2	43	19.2
PUPIL FUNCTIONAL LEVEL	172	26.7	23	13.4	11	6.4	22	12.8	27	15.7	4	2.3	26	15.1	2	1.2	49	28.5
PUPIL INTEREST LEVEL	102	15.8	16	15.7	5	4.9	9	8.8	12	11.8	0	0.0	12	11.8	3	2.9	39	38.2
PUPIL INPUT MODE	69	10.7	8	11.6	9	13.0	9	13.0	6	8.7	1	1.4	20	29.0	0	0.0	10	14.5
PUPIL RESPONSE MODE	47	7.3	5	10.6	4	8.5	3	6.4	3	6.4	1	2.1	15	31.9	0	0.0	12	25.5
PUPIL CULT. BACKGROUND	24	3.7	4	16.7	1	4.2	3	12.5	2	8.3	1	4.2	1	4.2	0	0.0	11	45.8
HOW TO																		
EVAL. MEDIA/MATERIALS	182	28.3	17	9.3	16	8.8	20	11.0	38	20.9	5	2.7	32	17.6	7	3.8	43	23.6
TRAIN PARENTS IN MTRLS	114	17.7	9	7.9	13	11.4	18	15.8	20	17.5	6	5.3	26	22.8	6	5.3	12	10.5
USE LRNG RESOURCE CTR	89	13.8	12	13.5	6	6.7	9	10.1	17	19.1	4	4.5	18	20.2	3	3.4	16	18.0
COORD. TWO/MORE MTRLS	72	11.2	7	9.7	10	13.9	4	5.6	12	16.7	1	1.4	15	20.8	2	2.8	16	22.2
PREPARE MULTIMEDIA KITS	64	9.9	6	9.4	1	1.6	4	6.3	17	26.6	1	1.6	14	21.9	5	7.8	9	14.1
USE COMPUTER TO DIAG.	57	8.9	4	7.0	0	0.0	16	28.1	6	10.5	2	3.5	14	24.6	7	12.3	5	8.8
PLAN MULTIMEDIA PRES.	48	7.5	3	6.3	3	6.3	5	10.4	8	16.7	1	2.1	8	16.7	3	6.3	11	22.9
INTERPRET M/M RESEARCH	39	6.1	4	10.3	3	7.7	4	10.3	5	12.8	2	5.1	12	30.8	1	2.6	5	12.8
USE COMPUTER FOR INFO	39	6.1	3	7.7	0	0.0	13	33.3	3	7.7	1	2.6	5	12.8	9	23.1	4	10.3
USE COMPUTER TO MONITOR	38	5.9	3	7.9	0	0.0	13	34.2	1	2.6	1	2.6	6	15.8	8	21.1	5	13.2

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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q8 (CONTINUED) FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 (CONTINUED) FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 8, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

			PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
INDEP. CHILD USE MTRLS	95	14.8	7	7.4	4	4.2	13	13.7	19	20.0	1	1.1	16	16.8	18	18.9	15	15.8
PROGRAMMED MATER.ALS	69	10.7	2	2.9	2	2.9	8	11.6	14	20.3	0	0.0	13	18.8	21	30.4	6	8.7
MULTIMEDIA KITS	38	5.9	1	2.6	5	13.2	6	15.8	7	18.4	0	0.0	5	13.2	12	31.6	1	2.6
MEDIA HARDWARE/EQUIP.	34	5.3	2	5.9	2	5.9	5	14.7	3	8.8	1	2.9	11	32.4	7	20.6	3	8.8
ADAPTIVE EQUIPMENT	28	4.3	3	10.7	1	3.6	6	21.4	3	10.7	1	3.6	4	14.3	5	17.9	4	14.3
HOW TO MAKE																		
AUDIO-VISUAL MATERIALS	56	8.7	6	10.7	6	10.7	7	12.5	6	10.7	2	3.6	9	16.1	10	17.9	10	17.9
GRAPHICS (E.G., CHARTS)	35	5.4	4	11.4	1	2.9	5	14.3	3	8.6	0	0.0	8	22.9	3	8.6	10	28.6
REPRODUCTION MASTERS	32	5.0	3	9.4	3	9.4	2	6.3	3	9.4	0	0.0	7	21.9	4	12.5	9	28.1
TACTILE MATERIALS	29	4.5	1	3.4	4	13.8	5	17.2	2	6.9	0	0.0	6	20.7	4	13.8	7	24.1
AUDIO MATERIALS	18	2.8	1	5.6	2	11.1	4	22.2	2	11.1	2	11.1	3	16.7	0	0.0	4	22.2
EXHIBITS	18	2.8	1	5.6	0	0.0	3	16.7	2	11.1	0	0.0	2	11.1	1	5.6	6	33.3
HOW TO OPERATE																		
UNIQUE TCHNG MACHINES	41	6.4	1	2.4	0	0.0	8	19.5	7	17.1	1	2.4	8	19.5	13	31.7	2	4.9
VIDEOTAPE EQUIPMENT	40	6.2	9	22.5	4	10.0	7	17.5	4	10.0	1	2.5	4	10.0	6	15.0	5	12.5
COMPUTER-BASED EQUIP.	37	5.7	4	10.8	0	0.0	12	32.4	5	13.5	0	0.0	6	16.2	6	16.2	1	2.7
SPECIALIZED EQUIPMENT	35	5.4	3	8.6	4	11.4	8	22.9	1	2.9	0	0.0	5	14.3	11	31.4	3	8.6
DRY MOUNT/LAMINATOR	24	3.7	3	12.5	4	16.7	2	8.3	3	12.5	0	0.0	4	16.7	5	20.8	3	12.5
FILMSTRIP PROJECTOR	23	3.6	8	34.8	2	8.7	1	4.3	1	4.3	0	0.0	3	13.0	1	4.3	7	30.4
STILL PHOTOG. EQUIP.	21	3.3	0	0.0	1	4.8	3	14.3	3	14.3	0	0.0	5	23.8	5	23.8	3	14.3
FILM PROJECTOR	19	3.0	6	31.6	1	5.3	2	10.5	2	10.5	0	0.0	3	15.8	1	5.3	2	10.5
MOTION PICTURE CAMERA	15	2.3	3	20.0	3	20.0	3	20.0	2	13.3	0	0.0	2	13.3	2	13.3	0	0.0
TAPE RECORDER	8	1.2	1	12.5	1	12.5	0	0.0	2	25.0	0	0.0	1	12.5	1	12.5	1	12.5

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SECTION III. TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

RESPONDENT POPULATION 2: TEACHERS OF THE DEAF AND HARD OF HEARING

SUBSECTION C. DEMOGRAPHIC DESCRIPTION OF THE SUBGROUP OF PUBLIC SCHOOL TEACHERS

ON THE FOLLOWING FOUR PAGES IS A DEMOGRAPHIC DESCRIPTION OF THE SUBGROUP OF PUBLIC SCHOOL TEACHERS FROM THE RESPONDENT POPULATION ABOVE. FOR PURPOSES OF THE ANALYSES IN THIS AND THE NEXT SUBSECTION (D), "PUBLIC SCHOOL TEACHER" IS DEFINED AS A RESPONDENT WHO INDICATED IN THE DEMOGRAPHIC SECTION (PAGE 11) OF THE QUESTIONNAIRE THAT HE IS EMPLOYED BY EITHER THE LOCAL PUBLIC SCHOOL DISTRICT OR A STATE AGENCY OTHER THAN THE STATE EDUCATION AGENCY (QUESTION 8) AND THAT HE WORKS PRIMARILY AT EITHER A REGULAR SCHOOL OR A NONRESIDENTIAL SPECIAL EDUCATION SCHOOL (QUESTION 9).

THE SUBGROUP IDENTIFICATION APPEARS IN THE UPPER RIGHT CORNER OF THE PAGE, OPPOSITE THE RESPONDENT POPULATION DESCRIPTION. BELOW IT APPEARS THE NUMBER OF RESPONDENTS IN THIS SUBGROUP. PRESENTED FOR EACH QUESTION, 2 THROUGH 11, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. ALL PERCENTAGE CALCULATIONS ARE BASED ON THE NUMBER OF RESPONDENTS IN THE SUBGROUP. (NOTE: QUESTION 1 CONSISTED OF A ZIP CODE IDENTIFIER WHICH WAS USED ONLY TO CLASSIFY RESPONDENTS BY STATE.)

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Q2 WHAT IS YOUR HIGHEST LEVEL OF FORMAL EDUCATION IN EACH OF THE THREE CATEGORIES BELOW

	IN CURRENT TEACHING SPECIALTY		IN OTHER EDUCATION-RELATED SPECIALTY		IN OTHER FIELD	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
SOME COLLEGE COURSES	12	4.3	49	17.4	53	18.8
BACHELOR'S DEGREE	82	29.1	62	22.0	32	11.3
WORK BEYOND THE B.A.	56	19.9	54	19.1	7	2.5
MASTER'S DEGREE	66	23.4	20	7.1	2	0.7
WORK BEYOND THE M.A.	42	14.9	22	7.8	7	2.5
PH.D., ED.D.	0	0.0	0	0.0	0	0.0
NONE	1	0.4	19	6.7	67	23.8
INVALID OR NO RESPONSE	23	8.2	56	19.9	114	40.4

Q3 WHAT IS THE EXTENT OF YOUR PROFESSIONAL EXPERIENCE IN EACH OF THE TWO CATEGORIES BELOW

	TEACHING THE HANDICAPPED		OTHER TEACHING	
	FREQ.	PCT	FREQ.	PCT
LESS THAN 1 YEAR	30	10.6	47	16.7
1 TO 3 YEARS	91	32.3	36	12.8
4 TO 7 YEARS	85	30.1	11	3.9
8 TO 15 YEARS	55	19.5	9	3.2
16 OR MORE YEARS	17	6.0	4	1.4
NONE	2	0.7	74	26.2
INVALID OR NO RESPONSE	2	0.7	101	35.8

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q4 WHAT IS YOUR PRIMARY ROLE THIS SCHOOL YEAR

	FREQ.	PCT
SPECIAL CLASS TEACHER -- ALL SUBJECTS	135	47.9
SPECIAL CLASS TEACHER -- SPECIFIC SUBJECT(S)	44	15.6
ITINERANT TEACHER	36	12.8
RESOURCE ROOM TEACHER	25	8.9
CLINICIAN/THERAPIST/PATHOLOGIST	17	6.0
REGULAR CLASSROOM TEACHER	7	2.5
ITINERANT RESOURCE PERSON	4	1.4
DIAGNOSTIC/PRESCRIPTIVE TEACHER	1	0.4
MEDIA SPECIALIST OR LIBRARIAN	0	0.0
HOME/HOSPITAL-BOUND TEACHER	0	0.0
OTHER	12	4.3
INVALID OR NO RESPONSE	1	0.4

Q5 HOW MANY HANDICAPPED STUDENTS ARE YOU WORKING WITH AT THE PRESENT TIME

	FREQ.	PCT
5 TO 9	143	50.7
10 TO 19	63	22.3
40 OR MORE	26	9.2
20 TO 29	23	8.2
4 OR FEWER	22	7.8
30 TO 39	4	1.4
INVALID OR NO RESPONSE	1	0.4

Q6 IN YOUR TEACHING, HOW DO YOU PRESENTLY SPEND MOST OF YOUR TIME

	FREQ.	PCT
WITH SMALL GROUPS (2 TO 6 STUDENTS)	172	61.0
WITH INDIVIDUAL STUDENTS	92	32.6
WITH LARGER GROUPS (7 OR MORE STUDENTS)	15	5.3
INVALID OR NO RESPONSE	3	1.1

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q7 WHICH CHRONOLOGICAL AGE CATEGORY BELOW BEST DESCRIBES YOUR CURRENT STUDENTS

	FREQ.	PCT
12 TO 14	52	18.4
ALL AGES	51	18.1
5 TO 8	50	17.7
9 TO 11	38	13.5
11 AND YOUNGER	25	8.9
15 TO 17	21	7.4
12 AND OLDER	20	7.1
4 AND YOUNGER	17	6.0
18 AND OLDER	6	2.1
INVALID OR NO RESPONSE	2	0.7

Q8 BY WHICH OF THE FOLLOWING ARE YOU EMPLOYED

	FREQ.	PCT
LOCAL PUBLIC SCHOOL DISTRICT	262	92.9
STATE AGENCY OTHER THAN STATE EDUCATION AGENCY	20	7.1
PRIVATE OR NONPUBLIC AGENCY	0	0.0
OTHER AGENCY	0	0.0
INVALID OR NO RESPONSE	0	0.0

Q9 AT WHAT TYPE OF FACILITY DO YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
REGULAR SCHOOL	232	82.3
SPECIAL EDUCATION SCHOOL (NONRESIDENTIAL)	50	17.7
SPECIAL EDUCATION RESIDENTIAL SCHOOL	0	0.0
DEVELOPMENTAL CENTER	0	0.0
CLINIC OR REHABILITATION AGENCY	0	0.0
HOSPITAL	0	0.0
OTHER FACILITY	0	0.0
INVALID OR NO RESPONSE	0	0.0

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Q10 WHAT IS THE TOTAL ENROLLMENT OF THE SCHOOL AT WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
250 TO 499	88	31.2
100 TO 249	52	18.4
500 TO 999	52	18.4
1,000 OR MORE	41	14.5
LESS THAN 100	22	7.8
NOT APPLICABLE	26	9.2
INVALID OR NO RESPONSE	1	0.4

Q11 WHICH BEST DESCRIBES THE TYPE OF COMMUNITY IN WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
LARGE CITY (500,000 OR LARGER)	66	23.4
SMALL CITY (25,000 -- 100,000)	59	20.9
MEDIUM-SIZE CITY (100,000 -- 500,000)	54	19.1
SUBURB OF A LARGE OR MEDIUM-SIZE CITY	44	15.6
TOWN (25,000 OR UNDER)	30	10.6
RURAL AREA NEAR A LARGE OR MEDIUM-SIZE CITY	20	7.1
RURAL AREA NOT NEAR A LARGE OR MEDIUM-SIZE CITY	8	2.8
INVALID OR NO RESPONSE	1	0.4

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RESPONDENT POPULATION 2: TEACHERS OF THE DEAF AND HARD OF HEARING

SUBSECTION D. ANALYSIS OF ITEMS ON TRAINING FOR THE SUBGROUP OF PUBLIC SCHOOL TEACHERS

THE NEXT SIX PAGES CONTAIN THE ANALYSES OF THE ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS FOR THE SUBGROUP OF PUBLIC SCHOOL TEACHERS FROM THE RESPONDENT POPULATION ABOVE. (THE TERM "PUBLIC SCHOOL TEACHER" IS DEFINED IN THE INTRODUCTION TO SUBSECTION C.) THIS SUBGROUP IS INDICATED IN THE UPPER RIGHT CORNER OF THE PAGE, OPPOSITE THE DESCRIPTION OF THE RESPONDENT POPULATION. BELOW IT APPEARS THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

PRESENTED FOR EACH QUESTION, 1 THROUGH 9, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. ALL PERCENTAGE CALCULATIONS, EXCEPT THOSE FOR QUESTIONS 7 AND 9, ARE BASED ON THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

FOR QUESTIONS 7 AND 9, THE RESPONDENT BASE IS RESTRICTED IN A MANNER THAT IS EVIDENT FROM READING THE QUESTIONS; I.E., THE RESPONSE TO EACH ALTERNATIVE IN QUESTION 7 IS PREDICATED UPON A RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6. THEREFORE, THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 7 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6, RATHER THAN THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

QUESTION 9 IS SIMILARLY CONTINGENT UPON QUESTION 8. THAT IS, A RESPONSE TO A GIVEN ALTERNATIVE FOR QUESTION 9 WAS APPROPRIATE ONLY IF THAT SAME ALTERNATIVE WAS CHOSEN IN QUESTION 8, AND THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 9 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 8.

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Q1 FROM WHICH OF THE FOLLOWING SOURCES DO YOU OBTAIN MOST OF YOUR INFORMATION ABOUT TRAINING OPPORTUNITIES

	FREQ.	PCT
NO SOURCE AVAILABLE	10	3.5
WORKSHOPS AND CONFERENCES	144	51.1
WORD OF MOUTH FROM COLLEAGUES	124	44.0
SUPERVISOR	119	42.2
PROFESSIONAL JOURNALS	72	25.5
DISTRICT NEWSLETTERS/ANNOUNCEMENTS	67	23.8
COLLEGE BULLETINS AND ANNOUNCEMENTS	66	23.4
REGIONAL (IN-STATE) NEWSLETTERS/ANNOUNCEMENTS	63	22.3
STATE NEWSLETTERS/ANNOUNCEMENTS	39	13.8
PUBLISHERS' BROCHURES	27	9.6
NATIONAL NEWSLETTERS/ANNOUNCEMENTS	22	7.8
REGIONAL (MULTI-STATE) NEWSLETTERS/ANNOUNCEMENTS	16	5.7
PUBLIC MEDIA ANNOUNCEMENTS	6	2.1
OTHER	8	2.8

Q2 TO WHAT EXTENT IS EACH OF THE FOLLOWING AN OBSTACLE TO ACQUIRING THE MEDIA AND MATERIALS TRAINING YOU NEED

	GREAT		MODERATE		LITTLE OR NOT AT ALL		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
INSUFFICIENT RELEASED TIME	110	39.0	83	29.4	65	23.0	24	8.5
TOO EXPENSIVE	95	33.7	91	32.3	70	24.8	26	9.2
INCONVENIENT LOCATION OF TRAINING PROGRAMS	87	30.9	88	31.2	78	27.7	29	10.3
INCONVENIENT SCHEDULING OF TRAINING PROGRAMS	68	24.1	118	41.8	73	25.9	23	8.2
LACK OF INFORMATION ABOUT TRAINING OPPORTUNITIES	59	20.9	105	37.2	93	33.0	25	8.9
LACK OF QUALIFIED TRAINERS	46	16.3	81	28.7	122	43.3	33	11.7
NEGATIVE ATTITUDE OF ADMINISTRATORS/OTHER TEACHERS	42	14.9	65	23.0	144	51.1	31	11.0
TRAINING I NEED NOT OFFERED	41	14.5	93	33.0	120	42.6	28	9.9
OTHER	6	2.1	6	2.1	42	14.9	228	80.9

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Q3 HOW ARE YOUR TRAINING NEEDS USUALLY MADE KNOWN TO ADMINISTRATIVE PERSONNEL IN YOUR DISTRICT OR FACILITY

	FREQ.	PCT
REQUEST TO SUPERVISOR	153	54.3
NO REGULAR PROCEDURE TO MAKE TRAINING NEEDS KNOWN	105	37.2
DIRECT REQUEST TO DISTRICT OFFICE	12	4.3
OTHER PROCEDURE	4	1.4
STRUCTURED INTERVIEW/QUESTIONNAIRE	1	0.4
INVALID OR NO RESPONSE	7	2.5

Q4 HAVE PACKAGED TRAINING KITS AND/OR PROGRAMMED MATERIALS PLAYED AN IMPORTANT ROLE IN YOUR TRAINING

	YES		NO		NEVER USED		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
DURING PRESERVICE/IN COLLEGE	68	24.1	97	34.4	107	37.9	10	3.5
DURING INSERVICE	81	28.7	102	36.2	88	31.2	11	3.9
ON YOUR OWN	84	29.8	81	28.7	97	34.4	20	7.1

Q5 HOW VALUABLE WOULD SELF-INSTRUCTIONAL TRAINING KITS BE FOR YOUR TRAINING NEEDS IN EACH OF THE FOLLOWING SKILLS

	OF GREAT VALUE		OF SOME VALUE		OF LITTLE OR NO VALUE		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
MATCHING MEDIA/MATERIALS TO LEARNER NEEDS	151	53.5	92	32.6	28	9.9	11	3.9
ADAPTING MEDIA/MATERIALS	125	44.3	120	42.6	27	9.6	10	3.5
DESIGNING MEDIA/MATERIALS	122	43.3	107	37.9	40	14.2	13	4.6
UTILIZING MEDIA/MATERIALS	107	37.9	133	47.2	29	10.3	13	4.6
SELECTING/EVALUATING MEDIA/MATERIALS	96	34.0	130	46.1	45	16.0	11	3.9
REPAIRING MEDIA AND EQUIPMENT	46	16.3	123	43.6	95	33.7	18	6.4

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Q6 WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
HOW TO SELECT MEDIA AND MATERIALS ACCORDING TO SPECIFIC LEARNING OBJECTIVES FOR										
LANGUAGE/SPEECH DEVELOPMENT	266	94.3	192	72.2	22	8.3	37	13.9	5	1.9
ACADEMIC DEVELOPMENT	206	73.0	131	63.6	10	4.9	52	25.2	5	2.4
COGNITIVE DEVELOPMENT	203	72.0	127	62.6	16	7.9	38	18.7	14	6.9
SOCIAL/PERSONAL DEVELOPMENT	196	69.5	62	31.6	26	13.3	79	40.3	21	10.7
PSYCHOMOTOR DEVELOPMENT	96	34.0	54	56.3	15	15.6	14	14.6	12	12.5
HOW TO SELECT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	255	90.4	99	38.8	33	12.9	95	37.3	15	5.9
PUPIL INTEREST LEVEL	204	72.3	56	27.5	19	9.3	114	55.9	9	4.4
PUPIL RESPONSE MODE	161	57.1	68	42.2	13	8.1	52	32.3	19	11.8
PUPIL SENSORY INPUT MODE	158	56.0	87	55.1	11	7.0	44	27.8	12	7.6
PUPIL CULTURAL BACKGROUND	72	25.5	13	18.1	7	9.7	36	50.0	11	15.3
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	235	83.3	91	38.7	29	12.3	92	39.1	12	5.1
SPECIFIC LEARNING OBJECTIVES	228	80.9	92	40.4	55	24.1	59	25.9	9	3.9
PUPIL INTEREST LEVEL	182	64.5	40	22.0	16	8.8	107	58.8	10	5.5
PUPIL SENSORY INPUT MODE	144	51.1	74	51.4	13	9.0	37	25.7	15	10.4
PUPIL RESPONSE MODE	139	49.3	60	43.2	10	7.2	41	29.5	21	15.1
PUPIL CULTURAL BACKGROUND	59	20.9	8	13.6	4	6.8	32	54.2	11	18.6
HOW TO										
EVALUATE EFFECTIVENESS OF MEDIA/MATERIALS	194	68.8	50	25.8	25	12.9	77	39.7	39	20.1
COORDINATE TWO OR MORE KINDS OF MATERIALS	144	51.1	32	22.2	19	13.2	70	48.6	16	11.1
USE INSTR. MATERIALS/LEARNING RESOURCE CENTER	127	45.0	31	24.4	26	20.5	39	30.7	17	13.4
TRAIN PARENTS IN USE OF CHILD INSTR. MTRLS	124	44.0	18	14.5	12	9.7	23	18.5	64	51.6
PLAN/IMPLEMENT A MULTIMEDIA PRESENTATION	75	26.6	25	33.3	11	14.7	26	34.7	9	12.0
PREPARE MULTIMEDIA KITS	70	24.8	19	27.1	7	10.0	20	28.6	18	25.7
INTERPRET RESEARCH ON MEDIA/MATERIALS	68	24.1	22	32.4	7	10.3	16	23.5	19	27.9
USE A COMPUTER TO DIAGNOSE LEARNER NEEDS	36	12.8	1	2.8	7	19.4	1	2.8	26	72.2
USE A COMPUTER TO MONITOR PUPIL PROGRESS	30	10.6	1	3.3	7	23.3	2	6.7	18	60.0
USE A COMPUTER TO OBTAIN MATERIALS INFO.	27	9.6	2	7.4	7	25.9	1	3.7	14	51.9

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

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Q6 (CONTINUED) WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 (CONTINUED) FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
MATERIALS FOR INDEPENDENT CHILD USE	160	56.7	33	20.6	22	13.8	74	46.3	21	13.1
PROGRAMMED INSTRUCTIONAL MATERIALS	127	45.0	36	28.3	21	16.5	40	31.5	20	15.7
MEDIA HARDWARE AND EQUIPMENT	121	42.9	56	46.3	28	23.1	25	20.7	8	6.6
MULTIMEDIA KITS	66	23.4	17	25.8	9	13.6	10	15.2	27	40.9
ADAPTIVE EQUIPMENT	52	18.4	12	23.1	14	26.9	15	28.8	9	17.3
HOW TO MAKE										
A MASTER FOR REPRODUCTION UNITS	173	61.3	69	39.9	22	12.7	69	39.9	4	2.3
GRAPHICS (E.G., CHARTS, FLASH CARDS)	158	56.0	63	39.9	9	5.7	72	45.6	5	3.2
AUDIO-VISUAL MATERIALS	148	52.5	65	43.9	18	12.2	41	27.7	12	8.1
TACTILE MATERIALS	89	31.6	29	32.6	8	9.0	36	40.4	7	7.9
AUDIO MATERIALS	77	27.3	26	33.8	14	18.2	27	35.1	6	7.8
EXHIBITS	61	21.6	20	32.8	3	4.9	23	37.7	10	16.4
HOW TO OPERATE										
FILMSTRIP PROJECTOR	151	53.5	65	43.0	10	6.6	67	44.4	4	2.6
FILM PROJECTOR	146	51.8	65	44.5	13	8.9	51	34.9	10	6.8
SPECIALIZED EQUIPMENT (E.G., OPTACON)	142	50.4	48	33.8	50	35.2	34	23.9	4	2.8
TAPE RECORDER	128	45.4	38	29.7	5	3.9	77	60.2	3	2.3
DRY MOUNT PRESS/LAMINATOR	106	37.6	42	39.6	16	15.1	28	26.4	17	16.0
UNIQUE TEACHING MACHINES	78	27.7	20	25.6	21	26.9	20	25.6	15	19.2
VIDEOTAPE EQUIPMENT	70	24.8	21	30.0	16	22.9	11	15.7	21	30.0
STILL PHOTOGRAPHIC EQUIPMENT	65	23.0	11	16.9	4	6.2	35	53.8	10	15.4
MOTION PICTURE CAMERA	38	13.5	8	21.1	4	10.5	12	31.6	9	23.7
COMPUTER-BASED INSTRUCTIONAL EQUIPMENT	36	12.8	2	5.6	6	16.7	4	11.1	19	52.8

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

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Q8 FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 8, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

	Q8		PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO SPECIFIC OBJECTIVES FOR	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
LANGUAGE/SPEECH DEVEL.	192	68.1	12	6.3	17	8.9	23	12.0	30	15.6	0	0.0	81	42.2	5	2.6	24	12.5
ACADEMIC DEVELOPMENT	102	36.2	12	11.8	6	5.9	9	8.8	13	12.7	3	2.9	48	47.1	1	1.0	8	7.8
SOCIAL/PERSONAL DEVEL.	97	34.4	4	4.1	7	7.2	16	16.5	13	13.4	1	1.0	25	25.8	0	0.0	29	29.9
COGNITIVE DEVELOPMENT	79	28.0	4	5.1	5	6.3	11	13.9	8	10.1	1	1.3	38	48.1	0	0.0	10	12.7
PSYCHOMOTOR DEVELOP.	23	8.2	0	0.0	0	0.0	6	26.1	3	13.0	0	0.0	10	43.5	0	0.0	2	8.7
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO																		
PUPIL FUNCTIONAL LEVEL	95	33.7	9	9.5	11	11.6	4	4.2	16	16.8	1	1.1	20	21.1	6	6.3	26	27.4
PUPIL INTEREST LEVEL	45	16.0	3	6.7	5	11.1	6	13.3	8	17.8	0	0.0	3	6.7	3	6.7	16	35.6
PUPIL INPUT MODE	38	13.5	3	7.9	4	10.5	5	13.2	7	18.4	0	0.0	11	28.9	0	0.0	7	18.4
PUPIL RESPONSE MODE	24	8.5	0	0.0	4	16.7	3	12.5	3	12.5	0	0.0	8	33.3	0	0.0	6	25.0
PUPIL CULT. BACKGROUND	12	4.3	0	0.0	0	0.0	2	16.7	4	33.3	1	8.3	1	8.3	1	8.3	3	25.0
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO																		
SPECIFIC LRNG OBJCTVS.	99	35.1	7	7.1	14	14.1	10	10.1	22	22.2	2	2.0	25	25.3	3	3.0	16	16.2
PUPIL FUNCTIONAL LEVEL	70	24.8	8	11.4	4	5.7	9	12.9	14	20.0	3	4.3	13	18.6	1	1.4	15	21.4
PUPIL INPUT MODE	35	12.4	3	8.6	3	8.6	5	14.3	3	8.6	1	2.9	14	40.0	0	0.0	3	8.6
PUPIL INTEREST LEVEL	28	9.9	4	14.3	2	7.1	1	3.6	3	10.7	0	0.0	4	14.3	1	3.6	12	42.9
PUPIL RESPONSE MODE	17	6.0	1	5.9	1	5.9	2	11.8	2	11.8	1	5.9	7	41.2	0	0.0	2	11.8
PUPIL CULT. BACKGROUND	6	2.1	0	0.0	0	0.0	1	16.7	1	16.7	1	16.7	0	0.0	0	0.0	3	50.0
HOW TO																		
EVAL. MEDIA/MATERIALS	86	30.5	10	11.6	7	8.1	5	5.8	23	26.7	2	2.3	12	14.0	5	5.8	22	25.6
TRAIN PARENTS IN MTRLS	61	21.6	2	3.3	9	14.8	8	13.1	13	21.3	1	1.6	14	23.0	5	8.2	6	9.8
COORD. TWO/MORE MTRLS	34	12.1	2	5.9	7	20.6	1	2.9	6	17.6	1	2.9	6	17.6	1	2.9	8	23.5
USE LRNG RESOURCE CTR	34	12.1	7	20.6	2	5.9	2	5.9	7	20.6	1	2.9	6	17.6	1	2.9	8	23.5
PREPARE MULTIMEDIA KITS	25	8.9	1	4.0	0	0.0	2	8.0	10	40.0	0	0.0	3	12.0	2	8.0	4	16.0
USE COMPUTER TO DIAG.	22	7.8	0	0.0	0	0.0	5	22.7	3	13.6	1	4.5	4	18.2	5	22.7	4	18.2
PLAN MULTIMEDIA PRES.	19	6.7	1	5.3	1	5.3	1	5.3	1	5.3	0	0.0	8	42.1	2	10.5	2	10.5
INTERPRET M/M RESEARCH	17	6.0	2	11.8	1	5.9	1	5.9	3	17.6	1	5.9	4	23.5	0	0.0	4	23.5
USE COMPUTER TO MONITOR	16	5.7	0	0.0	0	0.0	4	25.0	0	0.0	0	0.0	3	18.8	5	31.3	3	18.8
USE COMPUTER FOR INFO	11	3.9	0	0.0	0	0.0	2	18.2	0	0.0	0	0.0	0	0.0	6	54.5	2	18.2

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Q8 (CONTINUED) FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 (CONTINUED) FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 8, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

			PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
INDEP. CHILD USE MTRLS	39	13.8	1	2.6	2	5.1	3	7.7	9	23.1	1	2.6	7	17.9	9	23.1	5	12.8
PROGRAMMED MATERIALS	24	8.5	0	0.0	0	0.0	3	12.5	5	20.8	0	0.0	7	29.2	8	33.3	1	4.2
MULTIMEDIA KITS	18	6.4	0	0.0	3	16.7	2	11.1	5	27.8	0	0.0	1	5.6	7	38.9	0	0.0
MEDIA HARDWARE/EQUIP.	12	4.3	2	16.7	0	0.0	2	16.7	1	8.3	0	0.0	4	33.3	3	25.0	0	0.0
ADAPTIVE EQUIPMENT	6	2.1	0	0.0	0	0.0	2	33.3	1	16.7	0	0.0	0	0.0	2	33.3	0	0.0
HOW TO MAKE																		
AUDIO-VISUAL MATERIALS	17	6.0	2	11.8	1	5.9	1	5.9	2	11.8	0	0.0	5	29.4	4	23.5	2	11.8
REPRODUCTION MASTERS	12	4.3	1	8.3	0	0.0	0	0.0	1	8.3	0	0.0	7	58.3	1	8.3	2	16.7
GRAPHICS (E.G., CHARTS)	12	4.3	2	16.7	0	0.0	1	8.3	1	8.3	0	0.0	4	33.3	1	8.3	3	25.0
TACTILE MATERIALS	10	3.5	0	0.0	0	0.0	0	0.0	1	10.0	0	0.0	5	50.0	1	10.0	3	30.0
AUDIO MATERIALS	7	2.5	0	0.0	1	14.3	1	14.3	1	14.3	0	0.0	2	28.6	0	0.0	2	28.6
EXHIBITS	5	1.8	0	0.0	0	0.0	0	0.0	1	20.0	0	0.0	1	20.0	0	0.0	2	40.0
HOW TO OPERATE																		
SPECIALIZED EQUIPMENT	16	5.7	0	0.0	2	12.5	2	12.5	1	6.3	0	0.0	3	18.8	6	37.5	2	12.5
VIDEOTAPE EQUIPMENT	15	5.3	3	20.0	1	6.7	0	0.0	3	20.0	0	0.0	2	13.3	5	33.3	1	6.7
COMPUTER-BASED EQUIP.	15	5.3	1	6.7	0	0.0	4	26.7	3	20.0	0	0.0	1	6.7	3	20.0	0	0.0
UNIQUE TCHNG MACHINES	10	3.5	0	0.0	0	0.0	1	10.0	2	20.0	0	0.0	1	10.0	4	40.0	1	10.0
STILL PHOTOG. EQUIP.	9	3.2	0	0.0	0	0.0	1	11.1	2	22.2	0	0.0	2	22.2	3	33.3	0	0.0
DRY MOUNT/LAMINATOR	8	2.8	0	0.0	2	25.0	1	12.5	1	12.5	0	0.0	2	25.0	2	25.0	0	0.0
FILM PROJECTOR	7	2.5	3	42.9	1	14.3	1	14.3	0	0.0	0	0.0	2	28.6	0	0.0	0	0.0
FILMSTRIP PROJECTOR	6	2.1	2	33.3	1	16.7	1	16.7	0	0.0	0	0.0	2	33.3	0	0.0	0	0.0
MOTION PICTURE CAMERA	4	1.4	1	25.0	0	0.0	0	0.0	1	25.0	0	0.0	1	25.0	1	25.0	0	0.0
TAPE RECORDER	3	1.1	1	33.3	0	0.0	0	0.0	1	33.3	0	0.0	0	0.0	0	0.0	0	0.0

USERS' GUIDE TO NNA ANALYSIS

SECTION III. TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

RESPONDENT POPULATION 2: TEACHERS OF THE DEAF AND HARD OF HEARING

SUBSECTION E. DEMOGRAPHIC DESCRIPTION OF THE SUBGROUP OF INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHERS

ON THE FOLLOWING FOUR PAGES IS A DEMOGRAPHIC DESCRIPTION OF THE SUBGROUP OF INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHERS FROM THE RESPONDENT POPULATION ABOVE. FOR PURPOSES OF THE ANALYSES IN THIS AND THE NEXT SUBSECTION (F), "INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHER" IS DEFINED AS A RESPONDENT WHO INDICATED IN THE DEMOGRAPHIC SECTION (PAGE 11) OF THE QUESTIONNAIRE EITHER

(1) THAT HE IS EMPLOYED BY THE LOCAL PUBLIC SCHOOL DISTRICT OR A STATE AGENCY OTHER THAN THE STATE EDUCATION AGENCY (QUESTION 8) AND THAT HE WORKS PRIMARILY AT A SPECIAL EDUCATION RESIDENTIAL SCHOOL, DEVELOPMENTAL CENTER, CLINIC OR REHABILITATION AGENCY, HOSPITAL, OR OTHER FACILITY (QUESTION 9),

OR (2) THAT HE IS EMPLOYED BY A PRIVATE OR NONPUBLIC AGENCY OR OTHER AGENCY (QUESTION 8) REGARDLESS OF THE TYPE OF FACILITY IN WHICH HE WORKS (QUESTION 9).

THE SUBGROUP IDENTIFICATION APPEARS IN THE UPPER RIGHT CORNER OF THE PAGE, OPPOSITE THE RESPONDENT POPULATION DESCRIPTION. BELOW IT APPEARS THE NUMBER OF RESPONDENTS IN THIS SUBGROUP. PRESENTED FOR EACH QUESTION, 2 THROUGH 11, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. ALL PERCENTAGE CALCULATIONS ARE BASED ON THE NUMBER OF RESPONDENTS IN THE SUBGROUP. (NOTE: QUESTION 1 CONSISTED OF A ZIP CODE IDENTIFIER WHICH WAS USED ONLY TO CLASSIFY RESPONDENTS BY STATE.)

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Q2 WHAT IS YOUR HIGHEST LEVEL OF FORMAL EDUCATION IN EACH OF THE THREE CATEGORIES BELOW

	IN CURRENT TEACHING SPECIALTY		IN OTHER EDUCATION-RELATED SPECIALTY		IN OTHER FIELD	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
SOME COLLEGE COURSES	20	5.7	32	9.2	63	18.1
BACHELOR'S DEGREE	69	19.8	74	21.3	45	12.9
WORK BEYOND THE B.A.	67	19.3	75	21.6	26	7.5
MASTER'S DEGREE	106	30.5	27	7.8	13	3.7
WORK BEYOND THE M.A.	57	16.4	39	11.2	7	2.0
PH.D., ED.D.	1	0.3	0	0.0	0	0.0
NONE	6	1.7	21	6.0	49	14.1
INVALID OR NO RESPONSE	22	6.3	80	23.0	145	41.7

Q3 WHAT IS THE EXTENT OF YOUR PROFESSIONAL EXPERIENCE IN EACH OF THE TWO CATEGORIES BELOW

	TEACHING THE HANDICAPPED		OTHER TEACHING	
	FREQ.	PCT	FREQ.	PCT
LESS THAN 1 YEAR	33	9.5	52	14.9
1 TO 3 YEARS	71	20.4	68	19.5
4 TO 7 YEARS	97	27.9	23	6.6
8 TO 15 YEARS	87	25.0	18	5.2
16 OR MORE YEARS	58	16.7	1	0.3
NONE	0	0.0	76	21.8
INVALID OR NO RESPONSE	2	0.6	110	31.6

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q4 WHAT IS YOUR PRIMARY ROLE THIS SCHOOL YEAR

	FREQ.	PCT
SPECIAL CLASS TEACHER -- SPECIFIC SUBJECT(S)	105	30.2
SPECIAL CLASS TEACHER -- ALL SUBJECTS	103	29.6
REGULAR CLASSROOM TEACHER	83	23.9
ITINERANT TEACHER	11	3.2
RESOURCE ROOM TEACHER	6	1.7
MEDIA SPECIALIST OR LIBRARIAN	5	1.4
CLINICIAN/THERAPIST/PATHOLOGIST	5	1.4
DIAGNOSTIC/PRESCRIPTIVE TEACHER	3	0.9
ITINERANT RESOURCE PERSON	2	0.6
HOME/HOSPITAL-BOUND TEACHER	0	0.0
OTHER	22	6.3
INVALID OR NO RESPONSE	3	0.9

Q5 HOW MANY HANDICAPPED STUDENTS ARE YOU WORKING WITH AT THE PRESENT TIME

	FREQ.	PCT
5 TO 9	126	36.2
40 OR MORE	71	20.4
10 TO 19	58	16.7
20 TO 29	38	10.9
30 TO 39	36	10.3
4 OR FEWER	17	4.9
INVALID OR NO RESPONSE	2	0.6

Q6 IN YOUR TEACHING, HOW DO YOU PRESENTLY SPEND MOST OF YOUR TIME

	FREQ.	PCT
WITH SMALL GROUPS (2 TO 6 STUDENTS)	196	56.3
WITH LARGER GROUPS (7 OR MORE STUDENTS)	87	25.0
WITH INDIVIDUAL STUDENTS	58	16.7
INVALID OR NO RESPONSE	7	2.0

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Q7 WHICH CHRONOLOGICAL AGE CATEGORY BELOW BEST DESCRIBES YOUR CURRENT STUDENTS

	FREQ.	PCT
12 TO 14	73	21.0
15 TO 17	58	16.7
9 TO 11	47	13.5
5 TO 8	43	12.4
12 AND OLDER	38	10.9
ALL AGES	33	9.5
4 AND YOUNGER	20	5.7
18 AND OLDER	20	5.7
11 AND YOUNGER	12	3.4
INVALID OR NO RESPONSE	4	1.1

Q8 BY WHICH OF THE FOLLOWING ARE YOU EMPLOYED

	FREQ.	PCT
STATE AGENCY OTHER THAN STATE EDUCATION AGENCY	197	56.6
PRIVATE OR NONPUBLIC AGENCY	53	15.2
LOCAL PUBLIC SCHOOL DISTRICT	33	9.5
OTHER AGENCY	65	18.7
INVALID OR NO RESPONSE	0	0.0

Q9 AT WHAT TYPE OF FACILITY DO YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
SPECIAL EDUCATION RESIDENTIAL SCHOOL	280	80.5
REGULAR SCHOOL	20	5.7
SPECIAL EDUCATION SCHOOL (NONRESIDENTIAL)	20	5.7
DEVELOPMENTAL CENTER	2	0.6
HOSPITAL	2	0.6
CLINIC OR REHABILITATION AGENCY	0	0.0
OTHER FACILITY	23	6.6
INVALID OR NO RESPONSE	1	0.3

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Q10 WHAT IS THE TOTAL ENROLLMENT OF THE SCHOOL AT WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
250 TO 499	151	43.4
100 TO 249	101	29.0
500 TO 999	48	13.8
LESS THAN 100	30	8.6
1,000 OR MORE	8	2.3
NOT APPLICABLE	8	2.3
INVALID OR NO RESPONSE	2	0.6

Q11 WHICH BEST DESCRIBES THE TYPE OF COMMUNITY IN WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
SMALL CITY (25,000 -- 100,000)	99	28.4
MEDIUM-SIZE CITY (100,000 -- 500,000)	95	27.3
TOWN (25,000 OR UNDER)	80	23.0
LARGE CITY (500,000 OR LARGER)	42	12.1
SUBURB OF A LARGE OR MEDIUM-SIZE CITY	15	4.3
RURAL AREA NEAR A LARGE OR MEDIUM-SIZE CITY	9	2.6
RURAL AREA NOT NEAR A LARGE OR MEDIUM-SIZE CITY	5	1.4
INVALID OR NO RESPONSE	3	0.9

USERS' GUIDE TO NNA ANALYSIS

SECTION III. TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

RESPONDENT POPULATION 2: TEACHERS OF THE DEAF AND HARD OF HEARING

SUBSECTION F. ANALYSIS OF ITEMS ON TRAINING FOR THE SUBGROUP OF INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHERS

THE NEXT SIX PAGES CONTAIN THE ANALYSES OF THE ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS FOR THE SUBGROUP OF INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHERS FROM THE RESPONDENT POPULATION ABOVE. (THE TERM "INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHER" IS DEFINED IN THE INTRODUCTION TO SUBSECTION E.) THIS SUBGROUP IS INDICATED IN THE UPPER RIGHT CORNER OF THE PAGE, OPPOSITE THE DESCRIPTION OF THE RESPONDENT POPULATION. BELOW IT APPEARS THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

PRESENTED FOR EACH QUESTION, 1 THROUGH 9, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. ALL PERCENTAGE CALCULATIONS, EXCEPT THOSE FOR QUESTIONS 7 AND 9, ARE BASED ON THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

FOR QUESTIONS 7 AND 9, THE RESPONDENT BASE IS RESTRICTED IN A MANNER THAT IS EVIDENT FROM READING THE QUESTIONS; I.E., THE RESPONSE TO EACH ALTERNATIVE IN QUESTION 7 IS PREDICATED UPON A RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6. THEREFORE, THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 7 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6, RATHER THAN THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

QUESTION 9 IS SIMILARLY CONTINGENT UPON QUESTION 8. THAT IS, A RESPONSE TO A GIVEN ALTERNATIVE FOR QUESTION 9 WAS APPROPRIATE ONLY IF THAT SAME ALTERNATIVE WAS CHOSEN IN QUESTION 8, AND THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 9 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 8.

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Q1 FROM WHICH OF THE FOLLOWING SOURCES DO YOU OBTAIN MOST OF YOUR INFORMATION ABOUT TRAINING OPPORTUNITIES

	FREQ.	PCT
NO SOURCE AVAILABLE	11	3.2
WORD OF MOUTH FROM COLLEAGUES	166	47.7
WORKSHOPS AND CONFERENCES	157	45.1
SUPERVISOR	129	37.1
COLLEGE BULLETINS AND ANNOUNCEMENTS	114	32.8
PROFESSIONAL JOURNALS	103	29.6
NATIONAL NEWSLETTERS/ANNOUNCEMENTS	48	13.8
REGIONAL (IN-STATE) NEWSLETTERS/ANNOUNCEMENTS	43	12.4
DISTRICT NEWSLETTERS/ANNOUNCEMENTS	38	10.9
PUBLISHERS' BROCHURES	34	9.8
STATE NEWSLETTERS/ANNOUNCEMENTS	33	9.5
REGIONAL (MULTI-STATE) NEWSLETTERS/ANNOUNCEMENTS	31	8.9
PUBLIC MEDIA ANNOUNCEMENTS	15	4.3
OTHER	29	8.3

Q2 TO WHAT EXTENT IS EACH OF THE FOLLOWING AN OBSTACLE TO ACQUIRING THE MEDIA AND MATERIALS TRAINING YOU NEED

	GREAT		MODERATE		LITTLE OR NOT AT ALL		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
INSUFFICIENT RELEASED TIME	136	39.1	89	25.6	67	19.3	56	16.1
INCONVENIENT LOCATION OF TRAINING PROGRAMS	120	34.5	104	29.9	77	22.1	47	13.5
TOO EXPENSIVE	113	32.5	107	30.7	73	21.0	55	15.8
INCONVENIENT SCHEDULING OF TRAINING PROGRAMS	111	31.9	103	29.6	84	24.1	50	14.4
LACK OF INFORMATION ABOUT TRAINING OPPORTUNITIES	70	20.1	120	34.5	105	30.2	53	15.2
LACK OF QUALIFIED TRAINERS	59	17.0	97	27.9	123	35.3	69	19.8
TRAINING I NEED NOT OFFERED	55	15.8	100	28.7	137	39.4	56	16.1
NEGATIVE ATTITUDE OF ADMINISTRATORS/OTHER TEACHERS	42	12.1	77	22.1	160	46.0	69	19.8
OTHER	12	3.4	12	3.4	47	13.5	277	79.6

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Q3 HOW ARE YOUR TRAINING NEEDS USUALLY MADE KNOWN TO ADMINISTRATIVE PERSONNEL IN YOUR DISTRICT OR FACILITY

	FREQ.	PCT
REQUEST TO SUPERVISOR	173	49.7
NO REGULAR PROCEDURE TO MAKE TRAINING NEEDS KNOWN	136	39.1
OTHER PROCEDURE	11	3.2
STRUCTURED INTERVIEW/QUESTIONNAIRE	6	1.7
DIRECT REQUEST TO DISTRICT OFFICE	3	0.9
INVALID OR NO RESPONSE	19	5.5

Q4 HAVE PACKAGED TRAINING KITS AND/OR PROGRAMMED MATERIALS PLAYED AN IMPORTANT ROLE IN YOUR TRAINING

	YES		NO		NEVER USED		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
DURING PRESERVICE/IN COLLEGE	80	23.0	105	30.2	143	41.1	20	5.7
DURING INSERVICE	87	25.0	117	33.6	121	34.8	23	6.6
ON YOUR OWN	119	34.2	93	26.7	107	30.7	29	8.3

Q5 HOW VALUABLE WOULD SELF-INSTRUCTIONAL TRAINING KITS BE FOR YOUR TRAINING NEEDS IN EACH OF THE FOLLOWING SKILLS

	OF GREAT VALUE		OF SOME VALUE		OF LITTLE OR NO VALUE		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
MATCHING MEDIA/MATERIALS TO LEARNER NEEDS	186	53.4	119	34.2	27	7.8	16	4.6
DESIGNING MEDIA/MATERIALS	177	50.9	122	35.1	28	8.0	21	6.0
ADAPTING MEDIA/MATERIALS	176	50.6	115	33.0	33	9.5	24	6.9
UTILIZING MEDIA/MATERIALS	147	42.2	157	45.1	24	6.9	20	5.7
SELECTING/EVALUATING MEDIA/MATERIALS	118	33.9	163	46.8	49	14.1	18	5.2
REPAIRING MEDIA AND EQUIPMENT	69	19.8	134	38.5	121	34.8	24	6.9

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Q6 WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
HOW TO SELECT MEDIA AND MATERIALS ACCORDING TO SPECIFIC LEARNING OBJECTIVES FOR	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
LANGUAGE/SPEECH DEVELOPMENT	273	78.4	170	62.3	40	14.7	34	12.5	7	2.6
ACADEMIC DEVELOPMENT	253	72.7	150	59.3	28	11.1	48	19.0	6	2.4
COGNITIVE DEVELOPMENT	227	65.2	127	55.9	35	15.4	37	16.3	11	4.8
SOCIAL/PERSONAL DEVELOPMENT	226	64.9	80	35.4	23	10.2	89	39.4	17	7.5
PSYCHOMOTOR DEVELOPMENT	129	37.1	63	48.8	17	13.2	26	20.2	12	9.3
HOW TO SELECT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	305	87.6	105	34.4	54	17.7	108	35.4	17	5.6
PUPIL INTEREST LEVEL	282	81.0	73	25.9	42	14.9	133	47.2	16	5.7
PUPIL RESPONSE MODE	181	52.0	54	29.8	37	20.4	60	33.1	18	9.9
PUPIL SENSORY INPUT MODE	176	50.6	74	42.0	32	18.2	46	26.1	14	8.0
PUPIL CULTURAL BACKGROUND	92	26.4	21	22.8	11	12.0	42	45.7	11	12.0
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	286	82.2	81	28.3	45	15.7	116	40.6	20	7.0
SPECIFIC LEARNING OBJECTIVES	276	79.3	115	41.7	46	16.7	83	30.1	13	4.7
PUPIL INTEREST LEVEL	259	74.4	65	25.1	31	12.0	130	50.2	13	5.0
PUPIL RESPONSE MODE	170	48.9	42	24.7	30	17.6	67	39.4	17	10.0
PUPIL SENSORY INPUT MODE	163	46.8	60	36.8	25	15.3	53	32.5	14	8.6
PUPIL CULTURAL BACKGROUND	73	21.0	13	17.8	9	12.3	35	47.9	9	12.3
HOW TO										
EVALUATE EFFECTIVENESS OF MEDIA/MATERIALS	229	65.8	61	26.6	45	19.7	74	32.3	33	14.4
COORDINATE TWO OR MORE KINDS OF MATERIALS	185	53.2	33	17.8	38	20.5	78	42.2	21	11.4
USE INSTR. MATERIALS/LEARNING RESOURCE CENTER	173	49.7	40	23.1	54	31.2	43	24.9	20	11.6
TRAIN PARENTS IN USE OF CHILD INSTR. MTRLS	92	26.4	12	13.0	11	12.0	22	23.9	40	43.5
PLAN/IMPLEMENT A MULTIMEDIA PRESENTATION	90	25.9	21	23.3	18	20.0	25	27.8	16	17.8
INTERPRET RESEARCH ON MEDIA/MATERIALS	80	23.0	30	37.5	15	18.8	15	18.8	12	15.0
PREPARE MULTIMEDIA KITS	78	22.4	15	19.2	15	19.2	20	25.6	23	29.5
USE A COMPUTER TO DIAGNOSE LEARNER NEEDS	43	12.4	3	7.0	5	11.6	1	2.3	31	72.1
USE A COMPUTER TO MONITOR PUPIL PROGRESS	39	11.2	2	5.1	9	23.1	1	2.6	24	61.5
USE A COMPUTER TO OBTAIN MATERIALS INFO.	[illegible]	10.6	4	10.8	7	18.9	3	8.1	21	56.8

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

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Q6 (CONTINUED) WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 (CONTINUED) FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
MATERIALS FOR INDEPENDENT CHILD USE	177	50.9	32	18.1	43	24.3	70	39.5	18	10.2
MEDIA HARDWARE AND EQUIPMENT	158	45.4	57	36.1	62	39.2	25	15.8	5	3.2
PROGRAMMED INSTRUCTIONAL MATERIALS	138	39.7	23	16.7	43	31.2	34	24.6	24	17.4
ADAPTIVE EQUIPMENT	88	25.3	21	23.9	24	27.3	21	23.9	13	14.8
MULTIMEDIA KITS	79	22.7	9	11.4	15	19.0	23	29.1	27	34.2
HOW TO MAKE										
A MASTER FOR REPRODUCTION UNITS	219	62.9	76	34.7	71	32.4	56	25.6	3	1.4
GRAPHICS (E.G., CHARTS, FLASH CARDS)	193	55.5	52	26.9	37	19.2	92	47.7	5	2.6
AUDIO-VISUAL MATERIALS	150	43.1	53	35.3	40	26.7	36	24.0	6	4.0
TACTILE MATERIALS	112	32.2	33	29.5	17	15.2	46	41.1	10	8.9
EXHIBITS	91	26.1	26	28.6	12	13.2	41	45.1	8	8.8
AUDIO MATERIALS	68	19.5	22	32.4	17	25.0	12	17.6	5	7.4
HOW TO OPERATE										
FILMSTRIP PROJECTOR	215	61.8	78	36.3	63	29.3	60	27.9	2	0.9
FILM PROJECTOR	204	58.6	72	35.3	59	28.9	54	26.5	5	2.5
DRY MOUNT PRESS/LAMINATOR	146	42.0	50	34.2	55	37.7	23	15.8	8	5.5
SPECIALIZED EQUIPMENT (E.G., OPTACON)	146	42.0	38	26.0	66	45.2	21	14.4	12	8.2
VIDEOTAPE EQUIPMENT	115	33.0	26	22.6	43	37.4	22	19.1	18	15.7
STILL PHOTOGRAPHIC EQUIPMENT	108	31.0	20	18.5	22	20.4	48	44.4	9	8.3
UNIQUE TEACHING MACHINES	104	29.9	14	13.5	38	36.5	19	18.3	22	21.2
TAPE RECORDER	100	28.7	25	25.0	14	14.0	49	49.0	4	4.0
MOTION PICTURE CAMERA	65	18.7	14	21.5	16	24.6	23	35.4	7	10.8
COMPUTER-BASED INSTRUCTIONAL EQUIPMENT	52	14.9	2	3.8	15	28.8	6	11.5	24	46.2

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

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Q8 FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 8, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

	Q8		PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO SPECIFIC OBJECTIVES FOR	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
LANGUAGE/SPEECH DEVEL.	186	53.4	27	14.5	18	9.7	24	12.9	16	8.6	4	2.2	53	28.5	3	1.6	35	18.8
ACADEMIC DEVELOPMENT	122	35.1	18	14.8	13	10.7	7	5.7	11	9.0	0	0.0	38	31.1	1	0.8	27	22.1
SOCIAL/PERSONAL DEVEL.	117	33.6	15	12.8	6	5.1	22	18.8	14	12.0	0	0.0	16	13.7	1	0.9	37	31.6
COGNITIVE DEVELOPMENT	110	31.6	9	8.2	8	7.3	11	10.0	11	10.0	2	1.8	44	40.0	0	0.0	18	16.4
PSYCHOMOTOR DEVELOP.	46	13.2	2	4.3	2	4.3	7	15.2	3	6.5	1	2.2	19	41.3	0	0.0	8	17.4
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO																		
PUPIL FUNCTIONAL LEVEL	122	35.1	14	11.5	11	9.0	12	9.8	11	9.0	4	3.3	22	18.0	5	4.1	37	30.3
PUPIL INTEREST LEVEL	108	31.0	15	13.9	5	4.6	9	8.3	9	8.3	0	0.0	14	13.0	3	2.8	48	44.4
PUPIL INPUT MODE	37	10.6	5	13.5	3	8.1	5	13.5	4	10.8	0	0.0	7	18.9	1	2.7	10	27.0
PUPIL RESPONSE MODE	37	10.6	6	16.2	3	8.1	3	8.1	4	10.8	0	0.0	6	16.2	1	2.7	13	35.1
PUPIL CULT. BACKGROUND	19	5.5	2	10.5	0	0.0	1	5.3	2	10.5	1	5.3	1	5.3	0	0.0	10	52.6
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO																		
SPECIFIC LRNG OBJCTVS.	123	35.3	22	17.9	8	6.5	9	7.3	15	12.2	1	0.8	32	26.0	2	1.6	27	22.0
PUPIL FUNCTIONAL LEVEL	101	29.0	15	14.9	7	6.9	13	12.9	13	12.9	1	1.0	13	12.9	1	1.0	33	32.7
PUPIL INTEREST LEVEL	71	20.4	11	15.5	3	4.2	8	11.3	8	11.3	0	0.0	8	11.3	2	2.8	26	36.6
PUPIL INPUT MODE	33	9.5	5	15.2	6	18.2	4	12.1	3	9.1	0	0.0	6	18.2	0	0.0	6	18.2
PUPIL RESPONSE MODE	29	8.3	4	13.8	3	10.3	1	3.4	1	3.4	0	0.0	8	27.6	0	0.0	9	31.0
PUPIL CULT. BACKGROUND	17	4.9	4	23.5	1	5.9	2	11.8	1	5.9	0	0.0	1	5.9	0	0.0	7	41.2
HOW TO																		
EVAL. MEDIA/MATERIALS	92	26.4	7	7.6	9	9.8	15	16.3	14	15.2	2	2.2	20	21.7	2	2.2	19	20.7
USE LRNG RESOURCE CTR	53	15.2	5	9.4	4	7.5	7	13.2	8	15.1	3	5.7	12	22.6	2	3.8	8	15.1
TRAIN PARENTS IN MTRLS	53	15.2	7	13.2	4	7.5	10	18.9	7	13.2	5	9.4	12	22.6	1	1.9	6	11.3
COORD. TWO/MORE MTRLS	38	10.9	5	13.2	3	7.9	3	7.9	6	15.8	0	0.0	9	23.7	1	2.6	8	21.1
PREPARE MULTIMEDIA KITS	38	10.9	5	13.2	1	2.6	2	5.3	7	18.4	1	2.6	11	28.9	3	7.9	5	13.2
USE COMPUTER TO DIAG.	33	9.5	4	12.1	0	0.0	11	33.3	3	9.1	1	3.0	9	27.3	2	6.1	1	3.0
PLAN MULTIMEDIA PRES.	28	8.0	2	7.1	2	7.1	4	14.3	6	21.4	1	3.6	0	0.0	1	3.6	9	32.1
USE COMPUTER FOR INFO	26	7.5	3	11.5	0	0.0	10	38.5	3	11.5	1	3.8	4	15.4	3	11.5	2	7.7
INTERPRET M/M RESEARCH	22	6.3	2	9.1	2	9.1	3	13.6	2	9.1	1	4.5	8	36.4	1	4.5	1	4.5
USE COMPUTER TO MONITOR	21	6.0	3	14.3	0	0.0	9	42.9	1	4.8	1	4.8	2	9.5	3	14.3	2	9.5

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Q8 (CONTINUED) FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 (CONTINUED) FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 8, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

			PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
INDEP. CHILD USE MTRLS	55	15.8	6	10.9	2	3.6	10	18.2	9	16.4	0	0.0	9	16.4	9	16.4	10	18.2
PROGRAMMED MATERIALS	45	12.9	2	4.4	2	4.4	5	11.1	9	20.0	0	0.0	6	13.3	13	28.9	5	11.1
MEDIA HARDWARE/EQUIP.	22	6.3	0	0.0	2	9.1	3	13.6	2	9.1	1	4.5	7	31.8	4	18.2	3	13.6
ADAPTIVE EQUIPMENT	21	6.0	3	14.3	1	4.8	4	19.0	2	9.5	0	0.0	4	19.0	3	14.3	4	19.0
MULTIMEDIA KITS	19	5.5	1	5.3	2	10.5	4	21.1	2	10.5	0	0.0	4	21.1	5	26.3	1	5.3
HOW TO MAKE																		
AUDIO-VISUAL MATERIALS	39	11.2	4	10.3	5	12.8	6	15.4	4	10.3	2	5.1	4	10.3	6	15.4	8	20.5
GRAPHICS (E.G., CHARTS)	23	6.6	2	8.7	1	4.3	4	17.4	2	8.7	0	0.0	4	17.4	2	8.7	7	30.4
REPRODUCTION MASTERS	20	5.7	2	10.0	3	15.0	2	10.0	2	10.0	0	0.0	0	0.0	3	15.0	7	35.0
TACTILE MATERIALS	19	5.5	1	5.3	4	21.1	5	26.3	1	5.3	0	0.0	1	5.3	3	15.8	4	21.1
EXHIBITS	13	3.7	1	7.7	0	0.0	3	23.1	1	7.7	0	0.0	1	7.7	1	7.7	4	30.8
AUDIO MATERIALS	11	3.2	1	9.1	1	9.1	3	27.3	1	9.1	2	18.2	1	9.1	0	0.0	2	18.2
HOW TO OPERATE																		
UNIQUE TCHNG MACHINES	30	8.6	1	3.3	0	0.0	7	23.3	5	16.7	0	0.0	7	23.3	9	30.0	1	3.3
VIDEOTAPE EQUIPMENT	24	6.9	5	20.8	3	12.5	7	29.2	1	4.2	1	4.2	2	8.3	1	4.2	4	16.7
COMPUTER-BASED EQUIP.	22	6.3	3	13.6	0	0.0	8	36.4	2	9.1	0	0.0	5	22.7	3	13.6	1	4.5
SPECIALIZED EQUIPMENT	19	5.5	3	15.8	2	10.5	6	31.6	0	0.0	0	0.0	2	10.5	5	26.3	1	5.3
FILMSTRIP PROJECTOR	17	4.9	6	35.3	1	5.9	0	0.0	1	5.9	0	0.0	1	5.9	1	5.9	7	41.2
DRY MOUNT/LAMINATOR	16	4.6	3	18.8	2	12.5	1	6.3	2	12.5	0	0.0	2	12.5	3	18.8	3	18.8
FILM PROJECTOR	12	3.4	3	25.0	0	0.0	1	8.3	2	16.7	0	0.0	1	8.3	1	8.3	2	16.7
STILL PHOTOG. EQUIP.	12	3.4	0	0.0	1	8.3	2	16.7	1	8.3	0	0.0	3	25.0	2	16.7	3	25.0
MOTION PICTURE CAMERA	11	3.2	2	18.2	3	27.3	3	27.3	1	9.1	0	0.0	1	9.1	1	9.1	0	0.0
TAPE RECORDER	5	1.4	0	0.0	1	20.0	0	0.0	1	20.0	0	0.0	1	20.0	1	20.0	1	20.0

USERS' GUIDE TO NNA ANALYSIS

SECTION III. TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

RESPONDENT POPULATION 3: TEACHERS OF THE SPECIFIC LEARNING DISABLED, MILDLY (EDUCABLE) MENTALLY RETARDED, EMOTIONALLY DISTURBED/BEHAVIOR DISORDERED

SUBSECTION A. DEMOGRAPHIC DESCRIPTION OF THE RESPONDENT POPULATION

ON THE FOLLOWING FOUR PAGES IS A DEMOGRAPHIC DESCRIPTION OF THE RESPONDENT POPULATION ABOVE. PRESENTED FOR EACH QUESTION, 2 THROUGH 11, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. (NOTE: QUESTION 1 CONSISTED OF A ZIP CODE IDENTIFIER WHICH WAS USED ONLY TO CLASSIFY RESPONDENTS BY STATE.)

TEACHERS OF SPECIFIC LEARNING DISABLED
MILDLY (EDUCABLE) MENTALLY RETARDED
EMOTIONALLY DISTURBED/BEHAVIOR DISORDERED

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q2 WHAT IS YOUR HIGHEST LEVEL OF FORMAL EDUCATION IN EACH OF THE THREE CATEGORIES BELOW

	IN CURRENT TEACHING SPECIALTY		IN OTHER EDUCATION-RELATED SPECIALTY		IN OTHER FIELD	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
SOME COLLEGE COURSES	313	5.4	536	9.2	1123	19.4
BACHELOR'S DEGREE	940	16.2	1509	26.0	765	13.2
WORK BEYOND THE B.A.	1900	32.8	1170	20.2	434	7.5
MASTER'S DEGREE	1176	20.3	556	9.6	115	2.0
WORK BEYOND THE M.A.	977	16.9	472	8.1	155	2.7
PH.D., ED.D.	13	0.2	16	0.3	6	0.1
NONE	21	0.4	223	3.8	884	15.2
INVALID OR NO RESPONSE	457	7.9	1315	22.7	2315	39.9

Q3 WHAT IS THE EXTENT OF YOUR PROFESSIONAL EXPERIENCE IN EACH OF THE TWO CATEGORIES BELOW

	TEACHING THE HANDICAPPED		OTHER TEACHING	
	FREQ.	PCT	FREQ.	PCT
LESS THAN 1 YEAR	482	8.3	895	15.4
1 TO 3 YEARS	1689	29.1	1108	19.1
4 TO 7 YEARS	2202	38.0	665	11.5
8 TO 15 YEARS	1100	19.0	481	8.3
16 OR MORE YEARS	209	3.6	269	4.6
NONE	6	0.1	885	15.3
INVALID OR NO RESPONSE	109	1.9	1494	25.8

TEACHERS OF SPECIFIC LEARNING DISABLED
MILDLY (EDUCABLE) MENTALLY RETARDED
EMOTIONALLY DISTURBED/BEHAVIOR DISORDERED

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q4 WHAT IS YOUR PRIMARY ROLE THIS SCHOOL YEAR

	FREQ.	PCT
RESOURCE ROOM TEACHER	2056	35.5
SPECIAL CLASS TEACHER -- ALL SUBJECTS	1994	34.4
SPECIAL CLASS TEACHER -- SPECIFIC SUBJECT(S)	918	15.8
DIAGNOSTIC/PRESCRIPTIVE TEACHER	195	3.4
ITINERANT RESOURCE PERSON	102	1.8
ITINERANT TEACHER	91	1.6
CLINICIAN/THERAPIST/PATHOLOGIST	54	0.9
REGULAR CLASSROOM TEACHER	43	0.7
HOME/HOSPITAL-BOUND TEACHER	16	0.3
MEDIA SPECIALIST OR LIBRARIAN	3	0.1
OTHER	180	3.1
INVALID OR NO RESPONSE	145	2.5

Q5 HOW MANY HANDICAPPED STUDENTS ARE YOU WORKING WITH AT THE PRESENT TIME

	FREQ.	PCT
10 TO 19	2824	48.7
20 TO 29	1150	19.8
5 TO 9	705	12.2
40 OR MORE	486	8.4
30 TO 39	457	7.9
4 OR FEWER	88	1.5
INVALID OR NO RESPONSE	87	1.5

Q6 IN YOUR TEACHING, HOW DO YOU PRESENTLY SPEND MOST OF YOUR TIME

	FREQ.	PCT
WITH SMALL GROUPS (2 TO 6 STUDENTS)	3423	59.0
WITH INDIVIDUAL STUDENTS	1416	24.4
WITH LARGER GROUPS (7 OR MORE STUDENTS)	837	14.4
INVALID OR NO RESPONSE	121	2.1

TEACHERS OF SPECIFIC LEARNING DISABLED
MILDLY (EDUCABLE) MENTALLY RETARDED
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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q7 WHICH CHRONOLOGICAL AGE CATEGORY BELOW BEST DESCRIBES YOUR CURRENT STUDENTS

	FREQ.	PCT
9 TO 11	1349	23.3
12 TO 14	1032	17.8
15 TO 17	809	14.0
5 TO 8	740	12.8
11 AND YOUNGER	739	12.7
12 AND OLDER	502	8.7
ALL AGES	370	6.4
4 AND YOUNGER	80	1.4
18 AND OLDER	62	1.1
INVALID OR NO RESPONSE	114	2.0

Q8 BY WHICH OF THE FOLLOWING ARE YOU EMPLOYED

	FREQ.	PCT
LOCAL PUBLIC SCHOOL DISTRICT	5380	92.8
STATE AGENCY OTHER THAN STATE EDUCATION AGENCY	158	2.7
PRIVATE OR NONPUBLIC AGENCY	22	0.4
OTHER AGENCY	140	2.4
INVALID OR NO RESPONSE	97	1.7

Q9 AT WHAT TYPE OF FACILITY DO YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
REGULAR SCHOOL	5196	89.6
SPECIAL EDUCATION SCHOOL (NONRESIDENTIAL)	254	4.4
SPECIAL EDUCATION RESIDENTIAL SCHOOL	109	1.9
HOSPITAL	42	0.7
DEVELOPMENTAL CENTER	28	0.5
CLINIC OR REHABILITATION AGENCY	15	0.3
OTHER FACILITY	70	1.2
INVALID OR NO RESPONSE	83	1.4

TEACHERS OF SPECIFIC LEARNING DISABLED
MILDLY (EDUCABLE) MENTALLY RETARDED
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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q10 WHAT IS THE TOTAL ENROLLMENT OF THE SCHOOL AT WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
250 TO 499	1971	34.0
500 TO 999	1866	32.2
1,000 OR MORE	891	15.4
100 TO 249	625	10.8
LESS THAN 100	241	4.2
NOT APPLICABLE	98	1.7
INVALID OR NO RESPONSE	105	1.8

Q11 WHICH BEST DESCRIBES THE TYPE OF COMMUNITY IN WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
TOWN (25,000 OR UNDER)	1335	23.0
SMALL CITY (25,000 -- 100,000)	895	15.4
SUBURB OF A LARGE OR MEDIUM-SIZE CITY	794	13.7
RURAL AREA NEAR A LARGE OR MEDIUM-SIZE CITY	782	13.5
MEDIUM-SIZE CITY (100,000 -- 500,000)	707	12.2
LARGE CITY (500,000 OR LARGER)	624	10.8
RURAL AREA NOT NEAR A LARGE OR MEDIUM-SIZE CITY	554	9.6
INVALID OR NO RESPONSE	106	1.8

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SECTION III. TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

RESPONDENT POPULATION 3: TEACHERS OF THE SPECIFIC LEARNING DISABLED, MILDLY (EDUCABLE) MENTALLY RETARDED, EMOTIONALLY DISTURBED/BEHAVIOR DISORDERED

SUBSECTION B. ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

THE NEXT SIX PAGES CONTAIN THE ANALYSES OF THE ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS FOR THE RESPONDENT POPULATION ABOVE. PRESENTED FOR EACH QUESTION, 1 THROUGH 9, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. ALL PERCENTAGE CALCULATIONS, EXCEPT THOSE FOR QUESTIONS 7 AND 9, ARE BASED ON THE RESPONDENT POPULATION FREQUENCY IN THE UPPER RIGHT CORNER OF THE PAGE.

FOR QUESTIONS 7 AND 9, THE RESPONDENT BASE IS RESTRICTED IN A MANNER THAT IS EVIDENT FROM READING THE QUESTIONS; I.E., THE RESPONSE TO EACH ALTERNATIVE IN QUESTION 7 IS PREDICATED UPON A RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6. THEREFORE, THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 7 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6, RATHER THAN THE RESPONDENT POPULATION FREQUENCY.

QUESTION 9 IS SIMILARLY CONTINGENT UPON QUESTION 8. THAT IS, A RESPONSE TO A GIVEN ALTERNATIVE FOR QUESTION 9 WAS APPROPRIATE ONLY IF THAT SAME ALTERNATIVE WAS CHOSEN IN QUESTION 8, AND THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 9 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 8.

TEACHERS OF SPECIFIC LEARNING DISABLED
MILDLY (EDUCABLE) MENTALLY RETARDED
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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q1 FROM WHICH OF THE FOLLOWING SOURCES DO YOU OBTAIN MOST OF YOUR INFORMATION ABOUT TRAINING OPPORTUNITIES

	FREQ.	PCT
NO SOURCE AVAILABLE	107	1.8
WORKSHOPS AND CONFERENCES	2941	50.7
WORD OF MOUTH FROM COLLEAGUES	2314	39.9
SUPERVISOR	2070	35.7
COLLEGE BULLETINS AND ANNOUNCEMENTS	2059	35.5
DISTRICT NEWSLETTERS/ANNOUNCEMENTS	1776	30.6
PROFESSIONAL JOURNALS	1470	25.4
REGIONAL (IN-STATE) NEWSLETTERS/ANNOUNCEMENTS	1142	19.7
STATE NEWSLETTERS/ANNOUNCEMENTS	733	12.6
PUBLISHERS' BROCHURES	631	10.9
PUBLIC MEDIA ANNOUNCEMENTS	272	4.7
REGIONAL (MULTI-STATE) NEWSLETTERS/ANNOUNCEMENTS	243	4.2
NATIONAL NEWSLETTERS/ANNOUNCEMENTS	240	4.1
OTHER	251	4.3

Q2 TO WHAT EXTENT IS EACH OF THE FOLLOWING AN OBSTACLE TO ACQUIRING THE MEDIA AND MATERIALS TRAINING YOU NEED

	GREAT		MODERATE		LITTLE OR NOT AT ALL		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
INSUFFICIENT RELEASED TIME	2495	43.0	1582	27.3	1206	20.8	514	8.9
TOO EXPENSIVE	2199	37.9	1815	31.3	1206	20.8	577	10.0
INCONVENIENT LOCATION OF TRAINING PROGRAMS	1765	30.4	1989	34.3	1374	23.7	669	11.5
INCONVENIENT SCHEDULING OF TRAINING PROGRAMS	1656	28.6	2188	37.7	1291	22.3	662	11.4
NEGATIVE ATTITUDE OF ADMINISTRATORS/OTHER TEACHERS	1064	18.4	1457	25.1	2495	43.0	781	13.5
LACK OF INFORMATION ABOUT TRAINING OPPORTUNITIES	991	17.1	2193	37.8	1930	33.3	683	11.8
TRAINING I NEED NOT OFFERED	758	13.1	1859	32.1	2398	41.4	782	13.5
LACK OF QUALIFIED TRAINERS	705	12.2	1564	27.0	2524	43.5	1004	17.3
OTHER	196	3.4	256	4.4	827	14.3	4518	77.9

TEACHERS OF SPECIFIC LEARNING DISABLED
MILDLY (EDUCABLE) MENTALLY RETARDED
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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q3 HOW ARE YOUR TRAINING NEEDS USUALLY MADE KNOWN TO ADMINISTRATIVE PERSONNEL IN YOUR DISTRICT OR FACILITY

	FREQ.	PCT
NO REGULAR PROCEDURE TO MAKE TRAINING NEEDS KNOWN	2392	41.3
REQUEST TO SUPERVISOR	2274	39.2
DIRECT REQUEST TO DISTRICT OFFICE	496	8.6
STRUCTURED INTERVIEW/QUESTIONNAIRE	177	3.1
OTHER PROCEDURE	174	3.0
INVALID OR NO RESPONSE	284	4.9

Q4 HAVE PACKAGED TRAINING KITS AND/OR PROGRAMMED MATERIALS PLAYED AN IMPORTANT ROLE IN YOUR TRAINING

	YES		NO		NEVER USED		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
DURING PRESERVICE/IN COLLEGE	1542	26.6	1968	33.9	1895	32.7	392	6.8
DURING INSERVICE	1665	28.7	1976	34.1	1800	31.1	356	6.1
ON YOUR OWN	2347	40.5	1631	28.1	1482	25.6	337	5.8

Q5 HOW VALUABLE WOULD SELF-INSTRUCTIONAL TRAINING KITS BE FOR YOUR TRAINING NEEDS IN EACH OF THE FOLLOWING SKILLS

	OF GREAT VALUE		OF SOME VALUE		OF LITTLE OR NO VALUE		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
MATCHING MEDIA/MATERIALS TO LEARNER NEEDS	3620	62.4	1657	28.6	373	6.4	147	2.5
ADAPTING MEDIA/MATERIALS	2812	48.5	2313	39.9	441	7.6	231	4.0
DESIGNING MEDIA/MATERIALS	2709	46.7	2162	37.3	659	11.4	267	4.6
UTILIZING MEDIA/MATERIALS	2452	42.3	2582	44.5	509	8.8	254	4.4
SELECTING/EVALUATING MEDIA/MATERIALS	2430	41.9	2552	44.0	638	11.0	177	3.1
REPAIRING MEDIA AND EQUIPMENT	1294	22.3	2249	38.8	1962	33.8	292	5.0

TEACHERS OF SPECIFIC LEARNING DISABLED
MILDLY (EDUCABLE) MENTALLY RETARDED
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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q6 WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
HOW TO SELECT MEDIA AND MATERIALS ACCORDING TO SPECIFIC LEARNING OBJECTIVES FOR	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
ACADEMIC DEVELOPMENT	4767	82.2	3105	65.1	400	8.4	972	20.4	58	1.2
SOCIAL/PERSONAL DEVELOPMENT	4406	76.0	1740	39.5	586	13.3	1644	37.3	239	5.4
COGNITIVE DEVELOPMENT	4121	71.1	2683	65.1	327	7.9	727	17.6	158	3.8
LANGUAGE/SPEECH DEVELOPMENT	3635	62.7	2221	61.1	344	9.5	772	21.2	156	4.3
PSYCHOMOTOR DEVELOPMENT	2592	44.7	1424	54.9	358	13.8	519	20.0	170	6.6
HOW TO SELECT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	5187	89.5	2475	47.7	627	12.1	1705	32.9	120	2.3
PUPIL INTEREST LEVEL	4730	81.6	1373	29.0	491	10.4	2452	51.8	200	4.2
PUPIL RESPONSE MODE	3232	55.8	1404	43.4	368	11.4	1036	32.1	248	7.7
PUPIL SENSORY INPUT MODE	3093	53.4	1588	51.3	408	13.2	735	23.8	211	6.8
PUPIL CULTURAL BACKGROUND	2354	40.6	573	24.3	268	11.4	1145	48.6	237	10.1
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	4834	83.4	2041	42.2	609	12.6	1738	36.0	155	3.2
SPECIFIC LEARNING OBJECTIVES	4822	83.2	2340	48.5	935	19.4	1151	23.9	166	3.4
PUPIL INTEREST LEVEL	4286	73.9	1126	26.3	449	10.5	2305	53.8	205	4.8
PUPIL RESPONSE MODE	2938	50.7	1165	39.7	366	12.5	995	33.9	254	8.6
PUPIL SENSORY INPUT MODE	2834	48.9	1292	45.6	379	13.4	761	26.9	250	8.8
PUPIL CULTURAL BACKGROUND	2057	35.5	462	22.5	242	11.8	998	48.5	241	11.7
HOW TO										
EVALUATE EFFECTIVENESS OF MEDIA/MATERIALS	4172	72.0	1332	31.9	563	13.5	1604	38.4	500	12.0
COORDINATE TWO OR MORE KINDS OF MATERIALS	3461	59.7	688	19.9	383	11.1	1856	53.6	354	10.2
USE INSTR. MATERIALS/LEARNING RESOURCE CENTER	3424	59.1	937	27.4	822	24.0	1143	33.4	290	8.5
TRAIN PARENTS IN USE OF CHILD INSTR. MTRLS	1994	34.4	192	9.6	188	9.4	445	22.3	1019	51.1
PREPARE MULTIMEDIA KITS	1710	29.5	387	22.6	231	13.5	479	28.0	513	30.0
PLAN/IMPLEMENT A MULTIMEDIA PRESENTATION	1700	29.3	471	27.7	213	12.5	516	30.4	389	22.9
INTERPRET RESEARCH ON MEDIA/MATERIALS	1611	27.8	804	49.9	170	10.6	335	20.8	230	14.3
USE A COMPUTER TO DIAGNOSE LEARNER NEEDS	856	14.8	65	7.6	108	12.6	26	3.0	589	68.8
USE A COMPUTER TO MONITOR PUPIL PROGRESS	640	11.0	45	7.0	94	14.7	25	3.9	437	68.3
USE A COMPUTER TO OBTAIN MATERIALS INFO.	610	10.5	63	10.3	97	15.9	31	5.1	362	59.3

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

TEACHERS OF SPECIFIC LEARNING DISABLED
MILDLY (EDUCABLE) MENTALLY RETARDED
EMOTIONALLY DISTURBED/BEHAVIOR DISORDERED

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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q6 (CONTINUED) WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 (CONTINUED) FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES										
MATERIALS FOR INDEPENDENT CHILD USE	3824	66.0	848	22.2	600	15.7	1759	46.0	301	7.9
PROGRAMMED INSTRUCTIONAL MATERIALS	2999	51.7	764	25.5	551	18.4	1146	38.2	280	9.3
MEDIA HARDWARE AND EQUIPMENT	2307	39.8	930	40.3	325	14.1	777	33.7	137	5.9
MULTIMEDIA KITS	2142	37.0	438	20.4	364	17.0	771	36.0	396	18.5
ADAPTIVE EQUIPMENT	1275	22.0	339	26.6	203	15.9	448	35.1	178	14.0
HOW TO MAKE										
A MASTER FOR REPRODUCTION UNITS	3468	59.8	1066	30.7	454	13.1	1662	47.9	123	3.5
AUDIO-VISUAL MATERIALS	2960	51.1	1214	41.0	407	13.8	879	29.7	248	8.4
GRAPHICS (E.G., CHARTS, FLASH CARDS)	2745	47.4	841	30.6	201	7.3	1429	52.1	126	4.6
TACTILE MATERIALS	2431	41.9	795	32.7	303	12.5	969	39.9	206	8.5
AUDIO MATERIALS	2324	40.1	828	35.6	277	11.9	882	38.0	181	7.8
EXHIBITS	1031	17.8	274	26.6	120	11.6	415	40.3	140	13.6
HOW TO OPERATE										
TAPE RECORDER	3574	61.7	900	25.2	221	6.2	2203	61.6	81	2.3
FILMSTRIP PROJECTOR	3196	55.1	1262	39.5	309	9.7	1401	43.8	62	1.9
FILM PROJECTOR	2754	47.5	1204	43.7	287	10.4	1014	36.8	101	3.7
DRY MOUNT PRESS/LAMINATOR	1846	31.8	561	30.4	386	20.9	453	24.5	346	18.7
UNIQUE TEACHING MACHINES	1691	29.2	229	13.5	289	17.1	568	33.6	462	27.3
VIDEOTAPE EQUIPMENT	1080	18.6	220	20.4	207	19.2	204	18.9	368	34.1
COMPUTER-BASED INSTRUCTIONAL EQUIPMENT	660	11.4	59	8.9	77	11.7	53	8.0	399	60.5
STILL PHOTOGRAPHIC EQUIPMENT	638	11.0	117	18.3	35	5.5	275	43.1	164	25.7
SPECIALIZED EQUIPMENT (E.G., OPTACON)	592	10.2	110	18.6	63	10.6	123	20.8	231	39.0
MOTION PICTURE CAMERA	505	8.7	111	22.0	34	6.7	159	31.5	153	30.3

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

TEACHERS OF SPECIFIC LEARNING DISABLED
MILDLY (EDUCABLE) MENTALLY RETARDED
EMOTIONALLY DISTURBED/BEHAVIOR DISORDERED

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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q8 FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 8, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

	Q8		PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO SPECIFIC OBJECTIVES FOR	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
SOCIAL/PERSONAL DEVEL.	2409	41.6	141	5.9	121	5.0	341	14.2	342	14.2	62	2.6	558	23.2	64	2.7	680	28.2
ACADEMIC DEVELOPMENT	2193	37.8	191	8.7	162	7.4	152	6.9	273	12.4	57	2.6	703	32.1	68	3.1	476	21.7
LANGUAGE/SPEECH DEVEL.	1751	30.2	104	5.9	120	6.9	178	10.2	263	15.0	59	3.4	662	37.8	51	2.9	254	14.5
COGNITIVE DEVELOPMENT	1641	28.3	66	4.0	99	6.0	161	9.8	214	13.0	42	2.6	684	41.7	37	2.3	261	15.9
PSYCHOMOTOR DEVELOP.	844	14.6	37	4.4	36	4.3	109	12.9	136	16.1	29	3.4	295	35.0	19	2.3	130	15.4
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO																		
PUPIL FUNCTIONAL LEVEL	2005	34.6	147	7.3	167	8.3	141	7.0	253	12.6	38	1.9	438	21.8	92	4.6	637	31.8
PUPIL INTEREST LEVEL	1492	25.7	135	9.0	86	5.8	78	5.2	176	11.8	33	2.2	169	11.3	103	6.9	642	43.0
PUPIL INPUT MODE	826	14.2	21	2.5	79	9.6	70	8.5	125	15.1	17	2.1	318	38.5	30	3.6	117	14.2
PUPIL RESPONSE MODE	635	11.0	29	4.6	48	7.6	53	8.3	88	13.9	11	1.7	209	32.9	23	3.6	136	21.4
PUPIL CULT. BACKGROUND	537	9.3	55	10.2	26	4.8	63	11.7	80	14.9	16	3.0	69	12.8	11	2.0	177	33.0
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO																		
SPECIFIC LRNG OBJCTVS.	2234	38.5	121	5.4	293	13.1	183	8.2	368	16.5	112	5.0	608	27.2	74	3.3	373	16.7
PUPIL FUNCTIONAL LEVEL	1451	25.0	108	7.4	108	7.4	112	7.7	199	13.7	40	2.8	326	22.5	56	3.9	427	29.4
PUPIL INTEREST LEVEL	1074	18.5	93	8.7	59	5.5	73	6.8	113	10.5	28	2.6	139	12.9	72	6.7	431	40.1
PUPIL INPUT MODE	710	12.2	28	3.9	44	6.2	65	9.2	119	16.8	15	2.1	275	38.7	21	3.0	98	13.8
PUPIL RESPONSE MODE	576	9.9	30	5.2	31	5.4	38	6.6	82	14.2	17	3.0	198	34.4	16	2.8	124	21.5
PUPIL CULT. BACKGROUND	418	7.2	27	6.5	22	5.3	45	10.8	73	17.5	11	2.6	62	14.8	11	2.6	132	31.6
HOW TO																		
EVAL. MEDIA/MATERIALS	1706	29.4	119	7.0	167	9.8	125	7.3	271	15.9	81	4.7	336	19.7	100	5.9	433	25.4
TRAIN PARENTS IN MTRLS	1009	17.4	91	9.0	131	13.0	114	11.3	239	23.7	54	5.4	156	15.5	45	4.5	131	13.0
USE LRNG RESOURCE CTR	934	16.1	89	9.5	101	10.8	62	6.6	218	23.3	39	4.2	148	15.8	71	7.6	162	17.3
COORD. TWO/MORE MTRLS	892	15.4	72	8.1	81	9.1	72	8.1	156	17.5	27	3.0	120	13.5	97	10.9	211	23.7
PREPARE MULTIMEDIA KITS	711	12.3	40	5.6	49	6.9	58	8.2	163	22.9	27	3.8	153	21.5	91	12.8	88	12.4
USE COMPUTER TO DIAG.	650	11.2	15	2.3	38	5.8	97	14.9	110	16.9	27	4.2	142	21.8	136	20.9	52	8.0
PLAN MULTIMEDIA PRES.	528	9.1	28	5.3	58	11.0	53	10.0	118	22.3	19	3.6	106	20.1	49	9.3	60	11.4
INTERPRET M/M RESEARCH	460	7.9	10	2.2	37	8.0	37	8.0	67	14.6	23	5.0	185	40.2	25	5.4	41	8.9
USE COMPUTER TO MONITOR	369	6.4	10	2.7	20	5.4	51	13.8	63	17.1	20	5.4	71	19.2	73	19.8	47	12.7
USE COMPUTER FOR INFO	345	6.0	12	3.5	18	5.2	38	11.0	61	17.7	18	5.2	64	18.6	80	23.2	36	10.4

TEACHERS OF SPECIFIC LEARNING DISABLED
MILDLY (EDUCABLE) MENTALLY RETARDED
EMOTIONALLY DISTURBED/BEHAVIOR DISORDERED

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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q8 (CONTINUED) FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 (CONTINUED) FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 8, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

			PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
INDEP. CHILD USE MTRLS	1103	19.0	86	7.8	96	8.7	87	7.9	199	18.0	35	3.2	142	12.9	186	16.9	201	18.2
PROGRAMMED MATERIALS	623	10.7	35	5.6	52	8.3	39	6.3	122	19.6	20	3.2	97	15.6	151	24.2	65	10.4
MULTIMEDIA KITS	439	7.6	29	6.6	35	8.0	29	6.6	101	23.0	15	3.4	57	13.0	104	23.7	50	11.4
MEDIA HARDWARE/EQUIP.	261	4.5	34	13.0	23	8.8	15	5.7	33	12.6	3	1.1	34	13.0	61	23.4	41	15.7
ADAPTIVE EQUIPMENT	227	3.9	16	7.0	29	12.8	22	9.7	33	14.5	7	3.1	24	10.6	48	21.1	26	11.5
HOW TO MAKE																		
AUDIO-VISUAL MATERIALS	498	8.6	53	10.6	29	5.8	29	5.8	96	19.3	8	1.6	94	18.9	69	13.9	90	18.1
TACTILE MATERIALS	306	5.3	29	9.5	25	8.2	23	7.5	46	15.0	3	1.0	67	21.9	31	10.1	58	19.0
REPRODUCTION MASTERS	259	4.5	61	23.6	15	5.8	8	3.1	12	4.6	2	0.8	34	13.1	29	11.2	86	33.2
AUDIO MATERIALS	246	4.2	29	11.8	23	9.3	18	7.3	38	15.4	7	2.8	36	14.6	31	12.6	43	17.5
GRAPHICS (E.G., CHARTS)	200	3.5	25	12.5	9	4.5	7	3.5	26	13.0	5	2.5	39	19.5	13	6.5	65	32.5
EXHIBITS	138	2.4	18	13.0	9	6.5	9	6.5	19	13.8	3	2.2	16	11.6	15	10.9	37	26.8
HOW TO OPERATE																		
UNIQUE TCHNG MACHINES	420	7.2	30	7.1	22	5.2	38	9.0	45	10.7	6	1.4	49	11.7	165	39.3	40	9.5
VIDEOTAPE EQUIPMENT	345	6.0	61	17.7	26	7.5	35	10.1	38	11.0	6	1.7	43	12.5	81	23.5	36	10.4
COMPUTER-BASED EQUIP.	345	6.0	12	3.5	20	5.8	40	11.6	53	15.4	15	4.3	58	16.8	92	26.7	28	8.1
DRY MOUNT/LAMINATOR	253	4.4	58	22.9	22	8.7	12	4.7	23	9.1	3	1.2	32	12.6	43	17.0	45	17.8
SPECIALIZED EQUIPMENT	172	3.0	8	4.7	20	11.6	25	14.5	17	9.9	3	1.7	22	12.8	52	30.2	15	8.7
FILM PROJECTOR	154	2.7	42	27.3	13	8.4	5	3.2	9	5.8	1	0.6	28	18.2	15	9.7	30	19.5
TAPE RECORDER	140	2.4	17	12.1	9	6.4	4	2.9	11	7.9	1	0.7	24	17.1	19	13.6	46	32.9
FILMSTRIP PROJECTOR	130	2.2	19	14.6	9	6.9	3	2.3	8	6.2	1	0.8	32	24.6	17	13.1	34	26.2
STILL PHOTOG. EQUIP.	114	2.0	10	8.8	6	5.3	17	14.9	9	7.9	2	1.8	15	13.2	29	25.4	19	16.7
MOTION PICTURE CAMERA	91	1.6	9	9.9	5	5.5	8	8.8	8	8.8	1	1.1	8	8.8.	21	23.1	20	22.0

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SECTION III. TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

RESPONDENT POPULATION 3: TEACHERS OF THE SPECIFIC LEARNING DISABLED, MILDLY (EDUCABLE) MENTALLY RETARDED, EMOTIONALLY DISTURBED/BEHAVIOR DISORDERED

SUBSECTION C. DEMOGRAPHIC DESCRIPTION OF THE SUBGROUP OF PUBLIC SCHOOL TEACHERS

ON THE FOLLOWING FOUR PAGES IS A DEMOGRAPHIC DESCRIPTION OF THE SUBGROUP OF PUBLIC SCHOOL TEACHERS FROM THE RESPONDENT POPULATION ABOVE. FOR PURPOSES OF THE ANALYSES IN THIS AND THE NEXT SUBSECTION (D), "PUBLIC SCHOOL TEACHER" IS DEFINED AS A RESPONDENT WHO INDICATED IN THE DEMOGRAPHIC SECTION (PAGE 11) OF THE QUESTIONNAIRE THAT HE IS EMPLOYED BY EITHER THE LOCAL PUBLIC SCHOOL DISTRICT OR A STATE AGENCY OTHER THAN THE STATE EDUCATION AGENCY (QUESTION 8) AND THAT HE WORKS PRIMARILY AT EITHER A REGULAR SCHOOL OR A NONRESIDENTIAL SPECIAL EDUCATION SCHOOL (QUESTION 9).

THE SUBGROUP IDENTIFICATION APPEARS IN THE UPPER RIGHT CORNER OF THE PAGE, OPPOSITE THE RESPONDENT POPULATION DESCRIPTION. BELOW IT APPEARS THE NUMBER OF RESPONDENTS IN THIS SUBGROUP. PRESENTED FOR EACH QUESTION, 2 THROUGH 11, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. ALL PERCENTAGE CALCULATIONS ARE BASED ON THE NUMBER OF RESPONDENTS IN THE SUBGROUP. (NOTE: QUESTION 1 CONSISTED OF A ZIP CODE IDENTIFIER WHICH WAS USED ONLY TO CLASSIFY RESPONDENTS BY STATE.)

TEACHERS OF SPECIFIC LEARNING DISABLED
MILDLY (EDUCABLE) MENTALLY RETARDED
EMOTIONALLY DISTURBED/BEHAVIOR DISORDERED

PUBLIC SCHOOL TEACHERS
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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q2 WHAT IS YOUR HIGHEST LEVEL OF FORMAL EDUCATION IN EACH OF THE THREE CATEGORIES BELOW

	IN CURRENT TEACHING SPECIALTY		IN OTHER EDUCATION-RELATED SPECIALTY		IN OTHER FIELD	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
SOME COLLEGE COURSES	281	5.3	494	9.3	1041	19.6
BACHELOR'S DEGREE	891	16.8	1409	26.5	712	13.4
WORK BEYOND THE B.A.	1769	33.3	1085	20.4	402	7.6
MASTER'S DEGREE	1088	20.5	518	9.8	103	1.9
WORK BEYOND THE M.A.	901	17.0	428	8.1	142	2.7
PH.D., ED.D.	9	0.2	14	0.3	5	0.1
NONE	19	0.4	205	3.9	822	15.5
INVALID OR NO RESPONSE	349	6.6	1154	21.7	2080	39.2

Q3 WHAT IS THE EXTENT OF YOUR PROFESSIONAL EXPERIENCE IN EACH OF THE TWO CATEGORIES BELOW

	TEACHING THE HANDICAPPED		OTHER TEACHING	
	FREQ.	PCT	FREQ.	PCT
LESS THAN 1 YEAR	445	8.4	824	15.5
1 TO 3 YEARS	1573	29.6	1034	19.5
4 TO 7 YEARS	2046	38.6	618	11.6
8 TO 15 YEARS	1021	19.2	451	8.5
16 OR MORE YEARS	186	3.5	248	4.7
NONE	5	0.1	816	15.4
INVALID OR NO RESPONSE	31	0.6	1316	24.8

TEACHERS OF SPECIFIC LEARNING DISABLED
MILDLY (EDUCABLE) MENTALLY RETARDED
EMOTIONALLY DISTURBED/BEHAVIOR DISORDERED

PUBLIC SCHOOL TEACHERS
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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q4 WHAT IS YOUR PRIMARY ROLE THIS SCHOOL YEAR

	FREQ.	PCT
RESOURCE ROOM TEACHER	1999	37.7
SPECIAL CLASS TEACHER -- ALL SUBJECTS	1846	34.8
SPECIAL CLASS TEACHER -- SPECIFIC SUBJECT(S)	813	15.3
DIAGNOSTIC/PRESCRIPTIVE TEACHER	178	3.4
ITINERANT RESOURCE PERSON	94	1.8
ITINERANT TEACHER	82	1.5
CLINICIAN/THERAPIST/PATHOLOGIST	41	0.8
REGULAR CLASSROOM TEACHER	35	0.7
MEDIA SPECIALIST OR LIBRARIAN	3	0.1
HOME/HOSPITAL-BOUND TEACHER	3	0.1
OTHER	144	2.7
INVALID OR NO RESPONSE	69	1.3

Q5 HOW MANY HANDICAPPED STUDENTS ARE YOU WORKING WITH AT THE PRESENT TIME

	FREQ.	PCT
10 TO 19	2656	50.0
20 TO 29	1079	20.3
5 TO 9	613	11.6
30 TO 39	439	8.3
40 OR MORE	430	8.1
4 OR FEWER	76	1.4
INVALID OR NO RESPONSE	14	0.3

Q6 IN YOUR TEACHING, HOW DO YOU PRESENTLY SPEND MOST OF YOUR TIME

	FREQ.	PCT
WITH SMALL GROUPS (2 TO 6 STUDENTS)	3224	60.7
WITH INDIVIDUAL STUDENTS	1276	24.0
WITH LARGER GROUPS (7 OR MORE STUDENTS)	761	14.3
INVALID OR NO RESPONSE	46	0.9

TEACHERS OF SPECIFIC LEARNING DISABLED
MILDLY (EDUCABLE) MENTALLY RETARDED
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PUBLIC SCHOOL TEACHERS
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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q7 WHICH CHRONOLOGICAL AGE CATEGORY BELOW BEST DESCRIBES YOUR CURRENT STUDENTS

	FREQ.	PCT
9 TO 11	1292	24.3
12 TO 14	977	18.4
15 TO 17	737	13.9
11 AND YOUNGER	711	13.4
5 TO 8	703	13.2
12 AND OLDER	430	8.1
ALL AGES	319	6.0
4 AND YOUNGER	69	1.3
18 AND OLDER	32	0.6
INVALID OR NO RESPONSE	37	0.7

Q8 BY WHICH OF THE FOLLOWING ARE YOU EMPLOYED

	FREQ.	PCT
LOCAL PUBLIC SCHOOL DISTRICT	5216	98.3
STATE AGENCY OTHER THAN STATE EDUCATION AGENCY	91	1.7
PRIVATE OR NONPUBLIC AGENCY	0	0.0
OTHER AGENCY	0	0.0
INVALID OR NO RESPONSE	0	0.0

Q9 AT WHAT TYPE OF FACILITY DO YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
REGULAR SCHOOL	5085	95.8
SPECIAL EDUCATION SCHOOL (NONRESIDENTIAL)	222	4.2
SPECIAL EDUCATION RESIDENTIAL SCHOOL	0	0.0
DEVELOPMENTAL CENTER	0	0.0
CLINIC OR REHABILITATION AGENCY	0	0.0
HOSPITAL	0	0.0
OTHER FACILITY	0	0.0
INVALID OR NO RESPONSE	0	0.0

TEACHERS OF SPECIFIC LEARNING DISABLED
MILDLY (EDUCABLE) MENTALLY RETARDED
EMOTIONALLY DISTURBED/BEHAVIOR DISORDERED

PUBLIC SCHOOL TEACHERS
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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q10 WHAT IS THE TOTAL ENROLLMENT OF THE SCHOOL AT WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
250 TO 499	1885	35.5
500 TO 999	1805	34.0
1,000 OR MORE	854	16.1
100 TO 249	555	10.5
LESS THAN 100	120	2.3
NOT APPLICABLE	56	1.1
INVALID OR NO RESPONSE	32	0.6

Q11 WHICH BEST DESCRIBES THE TYPE OF COMMUNITY IN WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
TOWN (25,000 OR UNDER)	1234	23.3
SMALL CITY (25,000 -- 100,000)	823	15.5
SUBURB OF A LARGE OR MEDIUM-SIZE CITY	751	14.2
RURAL AREA NEAR A LARGE OR MEDIUM-SIZE CITY	731	13.8
MEDIUM-SIZE CITY (100,000 -- 500,000)	659	12.4
LARGE CITY (500,000 OR LARGER)	560	10.6
RURAL AREA NOT NEAR A LARGE OR MEDIUM-SIZE CITY	520	9.8
INVALID OR NO RESPONSE	29	0.5

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SECTION III. TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

RESPONDENT POPULATION 3: TEACHERS OF THE SPECIFIC LEARNING DISABLED, MILDLY (EDUCABLE) MENTALLY RETARDED, EMOTIONALLY DISTURBED/BEHAVIOR DISORDERED

SUBSECTION D. ANALYSIS OF ITEMS ON TRAINING FOR THE SUBGROUP OF PUBLIC SCHOOL TEACHERS

THE NEXT SIX PAGES CONTAIN THE ANALYSES OF THE ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS FOR THE SUBGROUP OF PUBLIC SCHOOL TEACHERS FROM THE RESPONDENT POPULATION ABOVE. (THE TERM "PUBLIC SCHOOL TEACHER" IS DEFINED IN THE INTRODUCTION TO SUBSECTION C.) THIS SUBGROUP IS INDICATED IN THE UPPER RIGHT CORNER OF THE PAGE, OPPOSITE THE DESCRIPTION OF THE RESPONDENT POPULATION. BELOW IT APPEARS THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

PRESENTED FOR EACH QUESTION, 1 THROUGH 9, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. ALL PERCENTAGE CALCULATIONS, EXCEPT THOSE FOR QUESTIONS 7 AND 9, ARE BASED ON THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

FOR QUESTIONS 7 AND 9, THE RESPONDENT BASE IS RESTRICTED IN A MANNER THAT IS EVIDENT FROM READING THE QUESTIONS; I.E., THE RESPONSE TO EACH ALTERNATIVE IN QUESTION 7 IS PREDICATED UPON A RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6. THEREFORE, THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 7 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6, RATHER THAN THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

QUESTION 9 IS SIMILARLY CONTINGENT UPON QUESTION 8. THAT IS, A RESPONSE TO A GIVEN ALTERNATIVE FOR QUESTION 9 WAS APPROPRIATE ONLY IF THAT SAME ALTERNATIVE WAS CHOSEN IN QUESTION 8, AND THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 9 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 8.

TEACHERS OF SPECIFIC LEARNING DISABLED
MILDLY (EDUCABLE) MENTALLY RETARDED
EMOTIONALLY DISTURBED/BEHAVIOR DISORDERED

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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q1 FROM WHICH OF THE FOLLOWING SOURCES DO YOU OBTAIN MOST OF YOUR INFORMATION ABOUT TRAINING OPPORTUNITIES

	FREQ.	PCT
NO SOURCE AVAILABLE	100	1.9
WORKSHOPS AND CONFERENCES	2699	50.9
WORD OF MOUTH FROM COLLEAGUES	2101	39.6
COLLEGE BULLETINS AND ANNOUNCEMENTS	1936	36.5
SUPERVISOR	1876	35.3
DISTRICT NEWSLETTERS/ANNOUNCEMENTS	1666	31.4
PROFESSIONAL JOURNALS	1338	25.2
REGIONAL (IN-STATE) NEWSLETTERS/ANNOUNCEMENTS	1059	20.0
STATE NEWSLETTERS/ANNOUNCEMENTS	682	12.9
PUBLISHERS' BROCHURES	589	11.1
PUBLIC MEDIA ANNOUNCEMENTS	238	4.5
REGIONAL (MULTI-STATE) NEWSLETTERS/ANNOUNCEMENTS	226	4.3
NATIONAL NEWSLETTERS/ANNOUNCEMENTS	223	4.2
OTHER	221	4.2

Q2 TO WHAT EXTENT IS EACH OF THE FOLLOWING AN OBSTACLE TO ACQUIRING THE MEDIA AND MATERIALS TRAINING YOU NEED

	GREAT		MODERATE		LITTLE OR NOT AT ALL		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
INSUFFICIENT RELEASED TIME	2320	43.7	1445	27.2	1100	20.7	442	8.3
TOO EXPENSIVE	2016	38.0	1676	31.6	1107	20.9	508	9.6
INCONVENIENT LOCATION OF TRAINING PROGRAMS	1631	30.7	1832	34.5	1259	23.7	585	11.0
INCONVENIENT SCHEDULING OF TRAINING PROGRAMS	1521	28.7	2011	37.9	1193	22.5	582	11.0
NEGATIVE ATTITUDE OF ADMINISTRATORS/OTHER TEACHERS	1003	18.9	1326	25.0	2279	42.9	699	13.2
LACK OF INFORMATION ABOUT TRAINING OPPORTUNITIES	897	16.9	2017	38.0	1790	33.7	603	11.4
TRAINING I NEED NOT OFFERED	688	13.0	1698	32.0	2228	42.0	693	13.1
LACK OF QUALIFIED TRAINERS	645	12.2	1437	27.1	2318	43.7	907	17.1
OTHER	177	3.3	230	4.3	764	14.4	4136	77.9

TEACHERS OF SPECIFIC LEARNING DISABLED
MILDLY (EDUCABLE) MENTALLY RETARDED
EMOTIONALLY DISTURBED/BEHAVIOR DISORDERED

PUBLIC SCHOOL TEACHERS
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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q3 HOW ARE YOUR TRAINING NEEDS USUALLY MADE KNOWN TO ADMINISTRATIVE PERSONNEL IN YOUR DISTRICT OR FACILITY

	FREQ.	PCT
NO REGULAR PROCEDURE TO MAKE TRAINING NEEDS KNOWN	2240	42.2
REQUEST TO SUPERVISOR	2034	38.3
DIRECT REQUEST TO DISTRICT OFFICE	464	8.7
STRUCTURED INTERVIEW/QUESTIONNAIRE	169	3.2
OTHER PROCEDURE	163	3.1
INVALID OR NO RESPONSE	237	4.5

Q4 HAVE PACKAGED TRAINING KITS AND/OR PROGRAMMED MATERIALS PLAYED AN IMPORTANT ROLE IN YOUR TRAINING

	YES		NO		NEVER USED		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
DURING PRESERVICE/IN COLLEGE	1427	26.9	1784	33.6	1764	33.2	332	6.3
DURING INSERVICE	1507	28.4	1817	34.2	1683	31.7	300	5.7
ON YOUR OWN	2148	40.5	1500	28.3	1375	25.9	284	5.4

Q5 HOW VALUABLE WOULD SELF-INSTRUCTIONAL TRAINING KITS BE FOR YOUR TRAINING NEEDS IN EACH OF THE FOLLOWING SKILLS

	OF GREAT VALUE		OF SOME VALUE		OF LITTLE OR NO VALUE		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
MATCHING MEDIA/MATERIALS TO LEARNER NEEDS	3350	63.1	1511	28.5	334	6.3	112	2.1
ADAPTING MEDIA/MATERIALS	2586	48.7	2137	40.3	397	7.5	187	3.5
DESIGNING MEDIA/MATERIALS	2485	46.8	2000	37.7	603	11.4	219	4.1
UTILIZING MEDIA/MATERIALS	2259	42.6	2389	45.0	453	8.5	206	3.9
SELECTING/EVALUATING MEDIA/MATERIALS	2242	42.2	2340	44.1	586	11.0	139	2.6
REPAIRING MEDIA AND EQUIPMENT	1185	22.3	2080	39.2	1803	34.0	239	4.5

TEACHERS OF SPECIFIC LEARNING DISABLED
MILDLY (EDUCABLE) MENTALLY RETARDED
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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q6 WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
HOW TO SELECT MEDIA AND MATERIALS ACCORDING TO SPECIFIC LEARNING OBJECTIVES FOR										
ACADEMIC DEVELOPMENT	4421	83.3	2892	65.4	371	8.4	901	20.4	49	1.1
SOCIAL/PERSONAL DEVELOPMENT	4054	76.4	1613	39.8	526	13.0	1525	37.6	218	5.4
COGNITIVE DEVELOPMENT	3820	72.0	2501	65.5	297	7.8	670	17.5	145	3.8
LANGUAGE/SPEECH DEVELOPMENT	3383	63.7	2080	61.5	307	9.1	726	21.5	139	4.1
PSYCHOMOTOR DEVELOPMENT	2396	45.1	1327	55.4	327	13.6	482	20.1	155	6.5
HOW TO SELECT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	4792	90.3	2290	47.8	564	11.8	1597	33.3	105	2.2
PUPIL INTEREST LEVEL	4369	82.3	1270	29.1	440	10.1	2291	52.4	177	4.1
PUPIL RESPONSE MODE	2979	56.1	1311	44.0	325	10.9	958	32.2	227	7.6
PUPIL SENSORY INPUT MODE	2863	53.9	1481	51.7	362	12.6	688	24.0	198	6.9
PUPIL CULTURAL BACKGROUND	2185	41.2	531	24.3	242	11.1	1076	49.2	219	10.0
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	4465	84.1	1900	42.6	559	12.5	1606	36.0	142	3.2
SPECIFIC LEARNING OBJECTIVES	4457	84.0	2174	48.8	860	19.3	1064	23.9	158	3.5
PUPIL INTEREST LEVEL	3964	74.7	1041	26.3	407	10.3	2150	54.2	188	4.7
PUPIL RESPONSE MODE	2698	50.8	1079	40.0	331	12.3	920	34.1	230	8.5
PUPIL SENSORY INPUT MODE	2627	49.5	1207	45.9	340	12.9	709	27.0	234	8.9
PUPIL CULTURAL BACKGROUND	1903	35.9	427	22.4	218	11.5	928	48.8	228	12.0
HOW TO										
EVALUATE EFFECTIVENESS OF MEDIA/MATERIALS	3864	72.8	1237	32.0	512	13.3	1502	38.9	460	11.9
COORDINATE TWO OR MORE KINDS OF MATERIALS	3206	60.4	635	19.8	350	10.9	1730	54.0	328	10.2
USE INSTR. MATERIALS/LEARNING RESOURCE CENTER	3177	59.9	869	27.4	758	23.9	1068	33.6	271	8.5
TRAIN PARENTS IN USE OF CHILD INSTR. MTRLS	1848	34.8	173	9.4	163	8.8	414	22.4	960	51.9
PREPARE MULTIMEDIA KITS	1573	29.6	354	22.5	213	13.5	447	28.4	475	30.2
PLAN/IMPLEMENT A MULTIMEDIA PRESENTATION	1573	29.6	441	28.0	193	12.3	481	30.6	360	22.9
INTERPRET RESEARCH ON MEDIA/MATERIALS	1480	27.9	733	49.5	158	10.7	315	21.3	212	14.3
USE A COMPUTER TO DIAGNOSE LEARNER NEEDS	783	14.8	59	7.5	94	12.0	23	2.9	543	69.3
USE A COMPUTER TO MONITOR PUPIL PROGRESS	580	10.9	41	7.1	85	14.7	23	4.0	395	68.1
USE A COMPUTER TO OBTAIN MATERIALS INFO.	545	10.3	54	9.9	85	15.6	30	5.5	321	58.9

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

TEACHERS OF SPECIFIC LEARNING DISABLED
MILDLY (EDUCABLE) MENTALLY RETARDED
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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q6 (CONTINUED) WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 (CONTINUED) FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
MATERIALS FOR INDEPENDENT CHILD USE	3550	66.9	787	22.2	553	15.6	1640	46.2	280	7.9
PROGRAMMED INSTRUCTIONAL MATERIALS	2790	52.6	714	25.6	503	18.0	1081	38.7	257	9.2
MEDIA HARDWARE AND EQUIPMENT	2142	40.4	860	40.1	294	13.7	742	34.6	125	5.8
MULTIMEDIA KITS	1997	37.6	406	20.3	343	17.2	725	36.3	366	18.3
ADAPTIVE EQUIPMENT	1163	21.9	315	27.1	177	15.2	417	35.9	158	13.6
HOW TO MAKE										
A MASTER FOR REPRODUCTION UNITS	3241	61.1	995	30.7	423	13.1	1565	48.3	110	3.4
AUDIO-VISUAL MATERIALS	2759	52.0	1124	40.7	385	14.0	833	30.2	226	8.2
GRAPHICS (E.G., CHARTS, FLASH CARDS)	2575	48.5	793	30.8	188	7.3	1344	52.2	115	4.5
TACTILE MATERIALS	2274	42.8	742	32.6	279	12.3	916	40.3	187	8.2
AUDIO MATERIALS	2181	41.1	780	35.8	264	12.1	833	38.2	162	7.4
EXHIBITS	950	17.9	254	26.7	112	11.8	383	40.3	125	13.2
HOW TO OPERATE										
TAPE RECORDER	3329	62.7	841	25.3	207	6.2	2055	61.7	74	2.2
FILMSTRIP PROJECTOR	2977	56.1	1171	39.3	295	9.9	1308	43.9	55	1.8
FILM PROJECTOR	2554	48.1	1107	43.3	272	10.6	943	36.9	97	3.8
DRY MOUNT PRESS/LAMINATOR	1735	32.7	525	30.3	369	21.3	432	24.9	317	18.3
UNIQUE TEACHING MACHINES	1566	29.5	213	13.6	268	17.1	534	34.1	422	26.9
VIDEOTAPE EQUIPMENT	976	18.4	200	20.5	182	18.6	182	18.6	343	35.1
COMPUTER-BASED INSTRUCTIONAL EQUIPMENT	603	11.4	53	8.8	71	11.8	48	8.0	366	60.7
STILL PHOTOGRAPHIC EQUIPMENT	578	10.9	103	17.8	34	5.9	252	43.6	147	25.4
SPECIALIZED EQUIPMENT (E.G., OPTACON)	544	10.3	102	18.8	58	10.7	115	21.1	210	38.6
MOTION PICTURE CAMERA	457	8.6	98	21.4	32	7.0	143	31.3	141	30.9

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

TEACHERS OF SPECIFIC LEARNING DISABLED
MILDLY (EDUCABLE) MENTALLY RETARDED
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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q8 FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 8, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

	Q8		PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO SPECIFIC OBJECTIVES FOR	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
SOCIAL/PERSONAL DEVEL.	2202	41.5	124	5.6	117	5.3	312	14.2	318	14.4	56	2.5	506	23.0	59	2.7	620	28.2
ACADEMIC DEVELOPMENT	2028	38.2	165	8.1	155	7.6	146	7.2	259	12.8	52	2.6	653	32.2	64	3.2	437	21.5
LANGUAGE/SPEECH DEVEL.	1621	30.5	96	5.9	116	7.2	168	10.4	246	15.2	54	3.3	612	37.8	46	2.8	233	14.4
COGNITIVE DEVELOPMENT	1507	28.4	60	4.0	92	6.1	154	10.2	197	13.1	39	2.6	621	41.2	37	2.5	236	15.7
PSYCHOMOTOR DEVELOP.	768	14.5	36	4.7	36	4.7	101	13.2	128	16.7	27	3.5	264	34.4	19	2.5	114	14.8
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO																		
PUPIL FUNCTIONAL LEVEL	1839	34.7	125	6.8	154	8.4	133	7.2	242	13.2	34	1.8	401	21.8	83	4.5	586	31.9
PUPIL INTEREST LEVEL	1361	25.6	118	8.7	81	6.0	71	5.2	159	11.7	29	2.1	157	11.5	96	7.1	590	43.4
PUPIL INPUT MODE	768	14.5	20	2.6	69	9.0	66	8.6	117	15.2	17	2.2	303	39.5	27	3.5	104	13.5
PUPIL RESPONSE MODE	582	11.0	26	4.5	44	7.6	49	8.4	81	13.9	11	1.9	192	33.0	20	3.4	124	21.3
PUPIL CULT. BACKGROUND	489	9.2	49	10.0	23	4.7	61	12.5	74	15.1	12	2.5	62	12.7	9	1.8	164	33.5
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO																		
SPECIFIC LRNG OBJCTVS.	2079	39.2	111	5.3	277	13.3	173	8.3	354	17.0	101	4.9	553	26.6	71	3.4	348	16.7
PUPIL FUNCTIONAL LEVEL	1338	25.2	98	7.3	103	7.7	103	7.7	180	13.5	36	2.7	298	22.3	53	4.0	401	30.0
PUPIL INTEREST LEVEL	975	18.4	81	8.3	55	5.6	65	6.7	102	10.5	25	2.6	123	12.6	68	7.0	398	40.8
PUPIL INPUT MODE	655	12.3	25	3.8	42	6.4	63	9.6	110	16.8	15	2.3	254	38.8	21	3.2	90	13.7
PUPIL RESPONSE MODE	529	10.0	26	4.9	30	5.7	36	6.8	76	14.4	17	3.2	184	34.8	16	3.0	110	20.8
PUPIL CULT. BACKGROUND	378	7.1	23	6.1	20	5.3	42	11.1	68	18.0	9	2.4	56	14.8	11	2.9	118	31.2
HOW TO																		
EVAL. MEDIA/MATERIALS	1564	29.5	108	6.9	158	10.1	116	7.4	253	16.2	75	4.8	305	19.5	90	5.8	395	25.3
TRAIN PARENTS IN MTRLS	941	17.7	84	8.9	125	13.3	109	11.6	222	23.6	52	5.5	148	15.7	43	4.6	116	12.3
USE LRNG RESOURCE CTR	857	16.1	82	9.6	96	11.2	58	6.8	196	22.9	36	4.2	133	15.5	65	7.6	153	17.9
COORD. TWO/MORE MTRLS	842	15.9	66	7.8	79	9.4	68	8.1	148	17.6	26	3.1	115	13.7	95	11.3	194	23.0
PREPARE MULTIMEDIA KITS	650	12.2	34	5.2	44	6.8	54	8.3	153	23.5	27	4.2	142	21.8	86	13.2	76	11.7
USE COMPUTER TO DIAG.	603	11.4	15	2.5	37	6.1	91	15.1	102	16.9	2[illegible]	4.0	133	22.1	124	20.6	45	7.5
PLAN MULTIMEDIA PRES.	479	9.0	28	5.8	53	11.1	48	10.0	110	23.0	18	3.8	95	19.8	42	8.8	54	11.3
INTERPRET M/M RESEARCH	421	7.9	9	2.1	33	7.8	33	7.8	62	14.7	23	5.5	170	40.4	24	5.7	39	9.3
USE COMPUTER TO MONITOR	338	6.4	10	3.0	19	5.6	47	13.9	60	17.8	18	5.3	64	18.9	68	20.1	39	11.5
USE COMPUTER FOR INFO	309	5.8	11	3.6	18	5.8	35	11.3	57	18.4	15	4.9	57	18.4	71	23.0	28	9.1

TEACHERS OF SPECIFIC LEARNING DISABLED
MILDLY (EDUCABLE) MENTALLY RETARDED
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5307 RESPONDENTS

ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q8 (CONTINUED) FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 (CONTINUED) FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 8, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES			PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
INDEP. CHILD USE MTRLS	1011	19.1	72	7.1	85	8.4	87	8.6	184	18.2	31	3.1	132	13.1	174	17.2	181	17.9
PROGRAMMED MATERIALS	570	10.7	33	5.8	46	8.1	38	6.7	112	19.6	20	3.5	88	15.4	137	24.0	57	10.0
MULTIMEDIA KITS	407	7.7	26	6.4	29	7.1	28	6.9	95	23.3	15	3.7	54	13.3	96	23.6	46	11.3
MEDIA HARDWARE/EQUIP.	237	4.5	31	13.1	18	7.6	14	5.9	32	13.5	3	1.3	32	13.5	55	23.2	37	15.6
ADAPTIVE EQUIPMENT	203	3.8	15	7.4	24	11.8	19	9.4	27	13.3	7	3.4	20	9.9	46	22.7	24	11.8
HOW TO MAKE																		
AUDIO-VISUAL MATERIALS	452	8.5	49	10.8	28	6.2	28	6.2	87	19.2	6	1.3	82	18.1	65	14.4	80	17.7
TACTILE MATERIALS	282	5.3	26	9.2	25	8.9	22	7.8	42	14.9	3	1.1	62	22.0	28	9.9	51	18.1
REPRODUCTION MASTERS	234	4.4	58	24.8	12	5.1	7	3.0	10	4.3	0	0.0	31	13.2	29	12.4	75	32.1
AUDIO MATERIALS	222	4.2	28	12.6	23	10.4	17	7.7	34	15.3	5	2.3	33	14.9	28	12.6	33	14.9
GRAPHICS (E.G., CHARTS)	178	3.4	22	12.4	8	4.5	7	3.9	23	12.9	2	1.1	37	20.8	13	7.3	58	32.6
EXHIBITS	121	2.3	15	12.4	9	7.4	8	6.6	17	14.0	2	1.7	15	12.4	15	12.4	29	24.0
HOW TO OPERATE																		
UNIQUE TCHNG MACHINES	387	7.3	26	6.7	19	4.9	35	9.0	42	10.9	5	1.3	44	11.4	156	40.3	38	9.8
COMPUTER-BASED EQUIP.	319	6.0	11	3.4	16	5.0	38	11.9	48	15.0	14	4.4	54	16.9	85	26.6	27	8.5
VIDEOTAPE EQUIPMENT	318	6.0	58	18.2	20	6.3	34	10.7	34	10.7	5	1.6	39	12.3	75	23.6	35	11.0
DRY MOUNT/LAMINATOR	229	4.3	55	24.0	18	7.9	11	4.8	21	9.2	3	1.3	28	12.2	40	17.5	41	17.9
SPECIALIZED EQUIPMENT	159	3.0	7	4.4	15	9.4	24	15.1	17	10.7	2	1.3	20	12.6	49	30.8	15	9.4
FILM PROJECTOR	139	2.6	41	29.5	8	5.8	5	3.6	8	5.8	1	0.7	26	18.7	14	10.1	27	19.4
TAPE RECORDER	124	2.3	16	12.9	5	4.0	4	3.2	10	8.1	1	0.8	23	18.5	18	14.5	41	33.1
FILMSTRIP PROJECTOR	118	2.2	18	15.3	5	4.2	3	2.5	7	5.9	0	0.0	31	26.3	16	13.6	32	27.1
STILL PHOTOG. EQUIP.	106	2.0	10	9.4	6	5.7	16	15.1	7	6.6	1	0.9	14	13.2	28	26.4	18	17.0
MOTION PICTURE CAMERA	85	1.6	8	9.4	5	5.9	8	9.4	8	9.4	1	1.2	7	8.2	17	20.0	20	23.5

USERS' GUIDE TO NNA ANALYSIS

SECTION III. TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

RESPONDENT POPULATION 3: TEACHERS OF THE SPECIFIC LEARNING DISABLED, MILDLY (EDUCABLE) MENTALLY RETARDED, EMOTIONALLY DISTURBED/BEHAVIOR DISORDERED

SUBSECTION E. DEMOGRAPHIC DESCRIPTION OF THE SUBGROUP OF INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHERS

ON THE FOLLOWING FOUR PAGES IS A DEMOGRAPHIC DESCRIPTION OF THE SUBGROUP OF INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHERS FROM THE RESPONDENT POPULATION ABOVE. FOR PURPOSES OF THE ANALYSES IN THIS AND THE NEXT SUBSECTION (F), "INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHER" IS DEFINED AS A RESPONDENT WHO INDICATED IN THE DEMOGRAPHIC SECTION (PAGE 11) OF THE QUESTIONNAIRE EITHER

(1) THAT HE IS EMPLOYED BY THE LOCAL PUBLIC SCHOOL DISTRICT OR A STATE AGENCY OTHER THAN THE STATE EDUCATION AGENCY (QUESTION 8) AND THAT HE WORKS PRIMARILY AT A SPECIAL EDUCATION RESIDENTIAL SCHOOL, DEVELOPMENTAL CENTER, CLINIC OR REHABILITATION AGENCY, HOSPITAL, OR OTHER FACILITY (QUESTION 9),

OR (2) THAT HE IS EMPLOYED BY A PRIVATE OR NONPUBLIC AGENCY OR OTHER AGENCY (QUESTION 8) REGARDLESS OF THE TYPE OF FACILITY IN WHICH HE WORKS (QUESTION 9).

THE SUBGROUP IDENTIFICATION APPEARS IN THE UPPER RIGHT CORNER OF THE PAGE, OPPOSITE THE RESPONDENT POPULATION DESCRIPTION. BELOW IT APPEARS THE NUMBER OF RESPONDENTS IN THIS SUBGROUP. PRESENTED FOR EACH QUESTION, 2 THROUGH 11, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. ALL PERCENTAGE CALCULATIONS ARE BASED ON THE NUMBER OF RESPONDENTS IN THE SUBGROUP. (NOTE: QUESTION 1 CONSISTED OF A ZIP CODE IDENTIFIER WHICH WAS USED ONLY TO CLASSIFY RESPONDENTS BY STATE.)

TEACHERS OF SPECIFIC LEARNING DISABLED
MILDLY (EDUCABLE) MENTALLY RETARDED
EMOTIONALLY DISTURBED/BEHAVIOR DISORDERED

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q2 WHAT IS YOUR HIGHEST LEVEL OF FORMAL EDUCATION
IN EACH OF THE THREE CATEGORIES BELOW

	IN CURRENT TEACHING SPECIALTY		IN OTHER EDUCATION-RELATED SPECIALTY		IN OTHER FIELD	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
SOME COLLEGE COURSES	29	7.5	37	9.6	76	19.7
BACHELOR'S DEGREE	44	11.4	92	23.9	50	13.0
WORK BEYOND THE B.A.	119	30.9	77	20.0	29	7.5
MASTER'S DEGREE	82	21.3	33	8.6	9	2.3
WORK BEYOND THE M.A.	69	17.9	41	10.6	12	3.1
PH.D., ED.D.	4	1.0	1	0.3	1	0.3
NONE	2	0.5	17	4.4	57	14.8
INVALID OR NO RESPONSE	36	9.4	87	22.6	151	39.2

Q3 WHAT IS THE EXTENT OF YOUR PROFESSIONAL EXPERIENCE
IN EACH OF THE TWO CATEGORIES BELOW

	TEACHING THE HANDICAPPED		OTHER TEACHING	
	FREQ.	PCT	FREQ.	PCT
LESS THAN 1 YEAR	34	8.8	66	17.1
1 TO 3 YEARS	106	27.5	68	17.7
4 TO 7 YEARS	144	37.4	44	11.4
8 TO 15 YEARS	72	18.7	25	6.5
16 OR MORE YEARS	23	6.0	18	4.7
NONE	1	0.3	63	16.4
INVALID OR NO RESPONSE	5	1.3	101	26.2

TEACHERS OF SPECIFIC LEARNING DISABLED
MILDLY (EDUCABLE) MENTALLY RETARDED
EMOTIONALLY DISTURBED/BEHAVIOR DISORDERED

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q4 WHAT IS YOUR PRIMARY ROLE THIS SCHOOL YEAR

	FREQ.	PCT
SPECIAL CLASS TEACHER -- ALL SUBJECTS	128	33.2
SPECIAL CLASS TEACHER -- SPECIFIC SUBJECT(S)	101	26.2
RESOURCE ROOM TEACHER	47	12.2
DIAGNOSTIC/PRESCRIPTIVE TEACHER	16	4.2
CLINICIAN/THERAPIST/PATHOLOGIST	13	3.4
HOME/HOSPITAL-BOUND TEACHER	13	3.4
ITINERANT TEACHER	9	2.3
REGULAR CLASSROOM TEACHER	8	2.1
ITINERANT RESOURCE PERSON	7	1.8
MEDIA SPECIALIST OR LIBRARIAN	0	0.0
OTHER	36	9.4
INVALID OR NO RESPONSE	7	1.8

Q5 HOW MANY HANDICAPPED STUDENTS ARE YOU WORKING WITH AT THE PRESENT TIME

	FREQ.	PCT
10 TO 19	152	39.5
5 TO 9	85	22.1
20 TO 29	68	17.7
40 OR MORE	50	13.0
30 TO 39	18	4.7
4 OR FEWER	10	2.6
INVALID OR NO RESPONSE	2	0.5

Q6 IN YOUR TEACHING, HOW DO YOU PRESENTLY SPEND MOST OF YOUR TIME

	FREQ.	PCT
WITH SMALL GROUPS (2 TO 6 STUDENTS)	183	47.5
WITH INDIVIDUAL STUDENTS	129	33.5
WITH LARGER GROUPS (7 OR MORE STUDENTS)	69	17.9
INVALID OR NO RESPONSE	4	1.0

TEACHERS OF SPECIFIC LEARNING DISABLED
MILDLY (EDUCABLE) MENTALLY RETARDED
EMOTIONALLY DISTURBED/BEHAVIOR DISORDERED

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q7 WHICH CHRONOLOGICAL AGE CATEGORY BELOW BEST DESCRIBES YOUR CURRENT STUDENTS

	FREQ.	PCT
15 TO 17	68	17.7
12 AND OLDER	67	17.4
12 TO 14	50	13.0
9 TO 11	49	12.7
ALL AGES	48	12.5
5 TO 8	33	8.6
18 AND OLDER	29	7.5
11 AND YOUNGER	24	6.2
4 AND YOUNGER	11	2.9
INVALID OR NO RESPONSE	6	1.6

Q8 BY WHICH OF THE FOLLOWING ARE YOU EMPLOYED

	FREQ.	PCT
LOCAL PUBLIC SCHOOL DISTRICT	157	40.8
STATE AGENCY OTHER THAN STATE EDUCATION AGENCY	66	17.1
PRIVATE OR NONPUBLIC AGENCY	22	5.7
OTHER AGENCY	140	36.4
INVALID OR NO RESPONSE	0	0.0

Q9 AT WHAT TYPE OF FACILITY DO YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
SPECIAL EDUCATION RESIDENTIAL SCHOOL	107	27.8
REGULAR SCHOOL	95	24.7
HOSPITAL	40	10.4
SPECIAL EDUCATION SCHOOL (NONRESIDENTIAL)	28	7.3
DEVELOPMENTAL CENTER	28	7.3
CLINIC OR REHABILITATION AGENCY	15	3.9
OTHER FACILITY	70	18.2
INVALID OR NO RESPONSE	2	0.5

TEACHERS OF SPECIFIC LEARNING DISABLED
MILDLY (EDUCABLE) MENTALLY RETARDED
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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q10 WHAT IS THE TOTAL ENROLLMENT OF THE SCHOOL AT WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
LESS THAN 100	117	30.4
250 TO 499	74	19.2
100 TO 249	65	16.9
500 TO 999	55	14.3
1,000 OR MORE	33	8.6
NOT APPLICABLE	39	10.1
INVALID OR NO RESPONSE	2	0.5

Q11 WHICH BEST DESCRIBES THE TYPE OF COMMUNITY IN WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
TOWN (25,000 OR UNDER)	94	24.4
SMALL CITY (25,000 -- 100,000)	65	16.9
LARGE CITY (500,000 OR LARGER)	56	14.5
RURAL AREA NEAR A LARGE OR MEDIUM-SIZE CITY	47	12.2
MEDIUM-SIZE CITY (100,000 -- 500,000)	46	11.9
SUBURB OF A LARGE OR MEDIUM-SIZE CITY	41	10.6
RURAL AREA NOT NEAR A LARGE OR MEDIUM-SIZE CITY	32	8.3
INVALID OR NO RESPONSE	4	1.0

USERS' GUIDE TO NNA ANALYSIS

SECTION III. TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

RESPONDENT POPULATION 3: TEACHERS OF THE SPECIFIC LEARNING DISABLED, MILDLY (EDUCABLE) MENTALLY RETARDED, EMOTIONALLY DISTURBED/BEHAVIOR DISORDERED

SUBSECTION F. ANALYSIS OF ITEMS ON TRAINING FOR THE SUBGROUP OF INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHERS

THE NEXT SIX PAGES CONTAIN THE ANALYSES OF THE ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS FOR THE SUBGROUP OF INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHERS FROM THE RESPONDENT POPULATION ABOVE. (THE TERM "INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHER" IS DEFINED IN THE INTRODUCTION TO SUBSECTION E.) THIS SUBGROUP IS INDICATED IN THE UPPER RIGHT CORNER OF THE PAGE, OPPOSITE THE DESCRIPTION OF THE RESPONDENT POPULATION. BELOW IT APPEARS THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

PRESENTED FOR EACH QUESTION, 1 THROUGH 9, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. ALL PERCENTAGE CALCULATIONS, EXCEPT THOSE FOR QUESTIONS 7 AND 9, ARE BASED ON THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

FOR QUESTIONS 7 AND 9, THE RESPONDENT BASE IS RESTRICTED IN A MANNER THAT IS EVIDENT FROM READING THE QUESTIONS; I.E., THE RESPONSE TO EACH ALTERNATIVE IN QUESTION 7 IS PREDICATED UPON A RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6. THEREFORE, THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 7 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6, RATHER THAN THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

QUESTION 9 IS SIMILARLY CONTINGENT UPON QUESTION 8. THAT IS, A RESPONSE TO A GIVEN ALTERNATIVE FOR QUESTION 9 WAS APPROPRIATE ONLY IF THAT SAME ALTERNATIVE WAS CHOSEN IN QUESTION 8, AND THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 9 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 8.

TEACHERS OF SPECIFIC LEARNING DISABLED
MILDLY (EDUCABLE) MENTALLY RETARDED
EMOTIONALLY DISTURBED/BEHAVIOR DISORDERED

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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q1 FROM WHICH OF THE FOLLOWING SOURCES DO YOU OBTAIN MOST OF YOUR INFORMATION ABOUT TRAINING OPPORTUNITIES

	FREQ.	PCT
NO SOURCE AVAILABLE	5	1.3
WORKSHOPS AND CONFERENCES	202	52.5
WORD OF MOUTH FROM COLLEAGUES	177	46.0
SUPERVISOR	159	41.3
PROFESSIONAL JOURNALS	113	29.4
COLLEGE BULLETINS AND ANNOUNCEMENTS	100	26.0
DISTRICT NEWSLETTERS/ANNOUNCEMENTS	86	22.3
REGIONAL (IN-STATE) NEWSLETTERS/ANNOUNCEMENTS	68	17.7
STATE NEWSLETTERS/ANNOUNCEMENTS	39	10.1
PUBLISHERS' BROCHURES	37	9.6
PUBLIC MEDIA ANNOUNCEMENTS	31	8.1
NATIONAL NEWSLETTERS/ANNOUNCEMENTS	17	4.4
REGIONAL (MULTI-STATE) NEWSLETTERS/ANNOUNCEMENTS	14	3.6
OTHER	22	5.7

Q2 TO WHAT EXTENT IS EACH OF THE FOLLOWING AN OBSTACLE TO ACQUIRING THE MEDIA AND MATERIALS TRAINING YOU NEED

	GREAT		MODERATE		LITTLE OR NOT AT ALL		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
TOO EXPENSIVE	151	39.2	123	31.9	80	20.8	31	8.1
INSUFFICIENT RELEASED TIME	147	38.2	112	29.1	90	23.4	36	9.4
INCONVENIENT LOCATION OF TRAINING PROGRAMS	117	30.4	129	33.5	98	25.5	41	10.6
INCONVENIENT SCHEDULING OF TRAINING PROGRAMS	114	29.6	145	37.7	87	22.6	39	10.1
LACK OF INFORMATION ABOUT TRAINING OPPORTUNITIES	81	21.0	157	40.8	109	28.3	38	9.9
TRAINING I NEED NOT OFFERED	62	16.1	136	35.3	137	35.6	50	13.0
NEGATIVE ATTITUDE OF ADMINISTRATORS/OTHER TEACHERS	54	14.0	109	28.3	180	46.8	42	10.9
LACK OF QUALIFIED TRAINERS	53	13.8	105	27.3	171	44.4	56	14.5
OTHER	16	4.2	23	6.0	53	13.8	293	76.1

TEACHERS OF SPECIFIC LEARNING DISABLED
MILDLY (EDUCABLE) MENTALLY RETARDED
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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q3 HOW ARE YOUR TRAINING NEEDS USUALLY MADE KNOWN TO ADMINISTRATIVE PERSONNEL IN YOUR DISTRICT OR FACILITY

	FREQ.	PCT
REQUEST TO SUPERVISOR	202	52.5
NO REGULAR PROCEDURE TO MAKE TRAINING NEEDS KNOWN	128	33.2
DIRECT REQUEST TO DISTRICT OFFICE	25	6.5
STRUCTURED INTERVIEW/QUESTIONNAIRE	8	2.1
OTHER PROCEDURE	6	1.6
INVALID OR NO RESPONSE	16	4.2

Q4 HAVE PACKAGED TRAINING KITS AND/OR PROGRAMMED MATERIALS PLAYED AN IMPORTANT ROLE IN YOUR TRAINING

	YES		NO		NEVER USED		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
DURING PRESERVICE/IN COLLEGE	92	23.9	158	41.0	109	28.3	26	6.8
DURING INSERVICE	133	34.5	132	34.3	99	25.7	21	5.5
ON YOUR OWN	169	43.9	109	28.3	91	23.6	16	4.2

Q5 HOW VALUABLE WOULD SELF-INSTRUCTIONAL TRAINING KITS BE FOR YOUR TRAINING NEEDS IN EACH OF THE FOLLOWING SKILLS

	OF GREAT VALUE		OF SOME VALUE		OF LITTLE OR NO VALUE		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
MATCHING MEDIA/MATERIALS TO LEARNER NEEDS	226	58.7	123	31.9	31	8.1	5	1.3
ADAPTING MEDIA/MATERIALS	193	50.1	147	38.2	37	9.6	8	2.1
DESIGNING MEDIA/MATERIALS	184	47.8	141	36.6	47	12.2	13	3.4
UTILIZING MEDIA/MATERIALS	163	42.3	168	43.6	45	11.7	9	2.3
SELECTING/EVALUATING MEDIA/MATERIALS	161	41.8	178	46.2	40	10.4	6	1.6
REPAIRING MEDIA AND EQUIPMENT	97	25.2	136	35.3	139	36.1	13	3.4

TEACHERS OF SPECIFIC LEARNING DISABLED
MILDLY (EDUCABLE) MENTALLY RETARDED
EMOTIONALLY DISTURBED/BEHAVIOR DISORDERED

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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q6 WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
HOW TO SELECT MEDIA AND MATERIALS ACCORDING TO SPECIFIC LEARNING OBJECTIVES FOR										
SOCIAL/PERSONAL DEVELOPMENT	296	76.9	103	34.8	52	17.6	106	35.8	20	6.8
ACADEMIC DEVELOPMENT	286	74.3	177	61.9	26	9.1	60	21.0	9	3.1
COGNITIVE DEVELOPMENT	256	66.5	155	60.5	27	10.5	49	19.1	13	5.1
LANGUAGE/SPEECH DEVELOPMENT	211	54.8	115	54.5	33	15.6	43	20.4	14	6.6
PSYCHOMOTOR DEVELOPMENT	168	43.6	84	50.0	29	17.3	31	18.5	14	8.3
HOW TO SELECT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	337	87.5	157	46.6	57	16.9	95	28.2	14	4.2
PUPIL INTEREST LEVEL	302	78.4	81	26.8	45	14.9	142	47.0	19	6.3
PUPIL RESPONSE MODE	214	55.6	80	37.4	35	16.4	68	31.8	19	8.9
PUPIL SENSORY INPUT MODE	193	50.1	92	47.7	43	22.3	38	19.7	10	5.2
PUPIL CULTURAL BACKGROUND	139	36.1	34	24.5	21	15.1	61	43.9	14	10.1
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	315	81.8	119	37.8	44	14.0	117	37.1	11	3.5
SPECIFIC LEARNING OBJECTIVES	307	79.7	142	46.3	65	21.2	75	24.4	7	2.3
PUPIL INTEREST LEVEL	273	70.9	71	26.0	32	11.7	141	51.6	14	5.1
PUPIL RESPONSE MODE	204	53.0	71	34.8	30	14.7	70	34.3	22	10.8
PUPIL SENSORY INPUT MODE	182	47.3	75	41.2	36	19.8	48	26.4	14	7.7
PUPIL CULTURAL BACKGROUND	129	33.5	29	22.5	17	13.2	64	49.6	12	9.3
HOW TO										
EVALUATE EFFECTIVENESS OF MEDIA/MATERIALS	263	68.3	76	28.9	47	17.9	90	34.2	36	13.7
COORDINATE TWO OR MORE KINDS OF MATERIALS	215	55.8	41	19.1	30	14.0	111	51.6	21	9.8
USE INSTR. MATERIALS/LEARNING RESOURCE CENTER	211	54.8	52	24.6	52	24.6	72	34.1	17	8.1
TRAIN PARENTS IN USE OF CHILD INSTR. MTRLS	126	32.7	14	11.1	25	19.8	27	21.4	50	39.7
INTERPRET RESEARCH ON MEDIA/MATERIALS	113	29.4	63	55.8	10	8.8	18	15.9	15	13.3
PREPARE MULTIMEDIA KITS	111	28.8	26	23.4	15	13.5	27	24.3	33	29.7
PLAN/IMPLEMENT A MULTIMEDIA PRESENTATION	105	27.3	22	21.0	18	17.1	31	29.5	24	22.9
USE A COMPUTER TO DIAGNOSE LEARNER NEEDS	61	15.8	5	8.2	12	19.7	2	3.3	40	65.6
USE A COMPUTER TO OBTAIN MATERIALS INFO.	55	14.3	7	12.7	10	18.2	1	1.8	36	65.5
USE A COMPUTER TO MONITOR PUPIL PROGRESS	51	13.2	3	5.9	7	13.7	2	3.9	37	72.5

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

TEACHERS OF SPECIFIC LEARNING DISABLED
MILDLY (EDUCABLE) MENTALLY RETARDED
EMOTIONALLY DISTURBED/BEHAVIOR DISORDERED

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Q6 (CONTINUED) WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 (CONTINUED) FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
MATERIALS FOR INDEPENDENT CHILD USE	229	59.5	49	21.4	42	18.3	101	44.1	19	8.3
PROGRAMMED INSTRUCTIONAL MATERIALS	179	46.5	39	21.8	43	24.0	59	33.0	20	11.2
MEDIA HARDWARE AND EQUIPMENT	139	36.1	60	43.2	25	18.0	34	24.5	9	6.5
MULTIMEDIA KITS	127	33.0	26	20.5	19	15.0	45	35.4	27	21.3
ADAPTIVE EQUIPMENT	98	25.5	21	21.4	22	22.4	30	30.6	17	17.3
HOW TO MAKE										
A MASTER FOR REPRODUCTION UNITS	193	50.1	62	32.1	28	14.5	82	42.5	11	5.7
AUDIO-VISUAL MATERIALS	171	44.4	76	44.4	21	12.3	40	23.4	18	10.5
GRAPHICS (E.G., CHARTS, FLASH CARDS)	143	37.1	38	26.6	8	5.6	80	55.9	8	5.6
TACTILE MATERIALS	135	35.1	43	31.9	21	15.6	51	37.8	14	10.4
AUDIO MATERIALS	119	30.9	40	33.6	12	10.1	43	36.1	15	12.6
EXHIBITS	70	18.2	16	22.9	7	10.0	31	44.3	12	17.1
HOW TO OPERATE										
TAPE RECORDER	208	54.0	51	24.5	11	5.3	127	61.1	7	3.4
FILMSTRIP PROJECTOR	187	48.6	79	42.2	13	7.0	79	42.2	5	2.7
FILM PROJECTOR	170	44.2	86	50.6	14	8.2	57	33.5	4	2.4
UNIQUE TEACHING MACHINES	107	27.8	14	13.1	18	16.8	29	27.1	36	33.6
DRY MOUNT PRESS/LAMINATOR	94	24.4	28	29.8	16	17.0	19	20.2	26	27.7
VIDEOTAPE EQUIPMENT	87	22.6	15	17.2	24	27.6	19	21.8	21	24.1
STILL PHOTOGRAPHIC EQUIPMENT	51	13.2	13	25.5	1	2.0	18	35.3	15	29.4
COMPUTER-BASED INSTRUCTIONAL EQUIPMENT	50	13.0	6	12.0	6	12.0	3	6.0	29	58.0
MOTION PICTURE CAMERA	43	11.2	11	25.6	2	4.7	16	37.2	11	25.6
SPECIALIZED EQUIPMENT (E.G., OPTACON)	42	10.9	6	14.3	5	11.9	6	14.3	20	47.6

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

TEACHERS OF SPECIFIC LEARNING DISABLED
MILDLY (EDUCABLE) MENTALLY RETARDED
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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q8 FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 8, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

	Q8		PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO SPECIFIC OBJECTIVES FOR	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
SOCIAL/PERSONAL DEVEL.	172	44.7	14	8.1	4	2.3	27	15.7	19	11.0	5	2.9	42	24.4	4	2.3	51	29.7
ACADEMIC DEVELOPMENT	139	36.1	22	15.8	7	5.0	5	3.6	13	9.4	5	3.6	43	30.9	3	2.2	30	21.6
COGNITIVE DEVELOPMENT	114	29.6	6	5.3	5	4.4	6	5.3	15	13.2	2	1.8	58	50.9	0	0.0	19	16.7
LANGUAGE/SPEECH DEVEL.	112	29.1	7	6.3	4	3.6	9	8.0	16	14.3	4	3.6	45	40.2	3	2.7	18	16.1
PSYCHOMOTOR DEVELOP.	61	15.8	1	1.6	0	0.0	6	9.8	7	11.5	1	1.6	24	39.3	0	0.0	12	19.7
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO																		
PUPIL FUNCTIONAL LEVEL	139	36.1	19	13.7	12	8.6	5	3.6	11	7.9	4	2.9	31	22.3	9	6.5	39	28.1
PUPIL INTEREST LEVEL	111	28.8	16	14.4	5	4.5	4	3.6	14	12.6	3	2.7	11	9.9	7	6.3	42	37.8
PUPIL INPUT MODE	47	12.2	1	2.1	7	14.9	4	8.5	8	17.0	0	0.0	12	25.5	2	4.3	10	21.3
PUPIL RESPONSE MODE	43	11.2	3	7.0	3	7.0	2	4.7	7	16.3	0	0.0	13	30.2	2	4.7	11	25.6
PUPIL CULT. BACKGROUND	42	10.9	5	11.9	3	7.1	2	4.8	6	14.3	4	9.5	7	16.7	2	4.8	8	19.0
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO																		
SPECIFIC LRNG OBJCTVS.	130	33.8	7	5.4	14	10.8	8	6.2	12	9.2	9	6.9	47	36.2	3	2.3	20	15.4
PUPIL FUNCTIONAL LEVEL	97	25.2	9	9.3	5	5.2	7	7.2	17	17.5	3	3.1	26	26.8	3	3.1	20	20.6
PUPIL INTEREST LEVEL	84	21.8	11	13.1	4	4.8	3	3.6	11	13.1	2	2.4	15	17.9	4	4.8	27	32.1
PUPIL INPUT MODE	46	11.9	3	6.5	2	4.3	1	2.2	9	19.6	0	0.0	18	39.1	0	0.0	5	10.9
PUPIL RESPONSE MODE	39	10.1	3	7.7	1	2.6	1	2.6	6	15.4	0	0.0	12	30.8	0	0.0	11	28.2
PUPIL CULT. BACKGROUND	33	8.6	4	12.1	2	6.1	3	9.1	5	15.2	2	6.1	6	18.2	0	0.0	8	24.2
HOW TO																		
EVAL. MEDIA/MATERIALS	121	31.4	9	7.4	7	5.8	7	5.8	16	13.2	4	3.3	27	22.3	9	7.4	33	27.3
USE LRNG RESOURCE CTR	65	16.9	6	9.2	5	7.7	3	4.6	19	29.2	3	4.6	13	20.0	6	9.2	5	7.7
TRAIN PARENTS IN MTRLS	56	14.5	5	8.9	6	10.7	5	8.9	15	26.8	1	1.8	8	14.3	2	3.6	10	17.9
PREPARE MULTIMEDIA KITS	51	13.2	6	11.8	5	9.8	3	5.9	8	15.7	0	0.0	9	17.6	5	9.8	9	17.6
PLAN MULTIMEDIA PRES.	41	10.6	0	0.0	5	12.2	4	9.8	5	12.2	1	2.4	10	24.4	6	14.6	5	12.2
COORD. TWO/MORE MTRLS	38	9.9	6	15.8	2	5.3	3	7.9	6	15.8	1	2.6	2	5.3	2	5.3	13	34.2
USE COMPUTER TO DIAG.	38	9.9	0	0.0	1	2.6	4	10.5	8	21.1	3	7.9	7	18.4	10	26.3	4	10.5
INTERPRET M/M RESEARCH	34	8.8	1	2.9	4	11.8	4	11.8	5	14.7	0	0.0	12	35.3	1	2.9	1	2.9
USE COMPUTER FOR INFO	29	7.5	1	3.4	0	0.0	3	10.3	4	13.8	2	6.9	5	17.2	8	27.6	6	20.7
USE COMPUTER TO MONITOR	25	6.5	0	0.0	1	4.0	2	8.0	3	12.0	2	8.0	6	24.0	5	20.0	5	20.0

TEACHERS OF SPECIFIC LEARNING DISABLED
MILDLY (EDUCABLE) MENTALLY RETARDED
EMOTIONALLY DISTURBED/BEHAVIOR DISORDERED

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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q8 (CONTINUED) FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 (CONTINUED) FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 8, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES			PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
INDEP. CHILD USE MTRLS	78	20.3	12	15.4	9	11.5	0	0.0	13	16.7	3	3.8	9	11.5	10	12.8	17	21.8
PROGRAMMED MATERIALS	45	11.7	2	4.4	4	8.9	1	2.2	9	20.0	0	0.0	8	17.8	12	26.7	7	15.6
MULTIMEDIA KITS	27	7.0	3	11.1	4	14.8	1	3.7	6	22.2	0	0.0	1	3.7	7	25.9	4	14.8
MEDIA HARDWARE/EQUIP.	20	5.2	2	10.0	3	15.0	1	5.0	1	5.0	0	0.0	2	10.0	6	30.0	3	15.0
ADAPTIVE EQUIPMENT	19	4.9	1	5.3	3	15.8	3	15.8	4	21.1	0	0.0	3	15.8	2	10.5	2	10.5
HOW TO MAKE																		
AUDIO-VISUAL MATERIALS	38	9.9	4	10.5	1	2.6	1	2.6	8	21.1	2	5.3	10	26.3	3	7.9	7	18.4
REPRODUCTION MASTERS	21	5.5	2	9.5	3	14.3	1	4.8	2	9.5	2	9.5	3	14.3	0	0.0	8	38.1
TACTILE MATERIALS	18	4.7	3	16.7	0	0.0	1	5.6	3	16.7	0	0.0	3	16.7	2	11.1	5	27.8
AUDIO MATERIALS	17	4.4	0	0.0	0	0.0	1	5.9	3	17.6	2	11.8	2	11.8	2	11.8	7	41.2
GRAPHICS (E.G., CHARTS)	16	4.2	2	12.5	0	0.0	0	0.0	2	12.5	2	12.5	2	12.5	0	0.0	5	31.3
EXHIBITS	13	3.4	3	23.1	0	0.0	1	7.7	1	7.7	1	7.7	1	7.7	0	0.0	5	38.5
HOW TO OPERATE																		
UNIQUE TCHNG MACHINES	28	7.3	3	10.7	2	7.1	3	10.7	3	10.7	1	3.6	4	14.3	8	28.6	1	3.6
VIDEOTAPE EQUIPMENT	22	5.7	3	13.6	4	18.2	0	0.0	4	18.2	1	4.5	3	13.6	5	22.7	1	4.5
COMPUTER-BASED EQUIP.	22	5.7	1	4.5	3	13.6	2	9.1	5	22.7	1	4.5	2	9.1	6	27.3	1	4.5
DRY MOUNT/LAMINATOR	19	4.9	2	10.5	3	15.8	1	5.3	2	10.5	0	0.0	3	15.8	2	10.5	3	15.8
TAPE RECORDER	12	3.1	1	8.3	2	16.7	0	0.0	1	8.3	0	0.0	1	8.3	0	0.0	5	41.7
FILM PROJECTOR	11	2.9	1	9.1	3	27.3	0	0.0	1	9.1	0	0.0	1	9.1	0	0.0	3	27.3
FILMSTRIP PROJECTOR	8	2.1	1	12.5	2	25.0	0	0.0	1	12.5	0	0.0	1	12.5	0	0.0	2	25.0
STILL PHOTOG. EQUIP.	8	2.1	0	0.0	0	0.0	1	12.5	2	25.0	1	12.5	1	12.5	1	12.5	1	12.5
SPECIALIZED EQUIPMENT	8	2.1	0	0.0	3	37.5	1	12.5	0	0.0	0	0.0	2	25.0	2	25.0	0	0.0
MOTION PICTURE CAMERA	5	1.3	1	20.0	0	0.0	0	0.0	0	0.0	0	0.0	1	20.0	3	60.0	0	0.0

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SECTION III. TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

RESPONDENT POPULATION 4: TEACHERS OF THE SPEECH AND LANGUAGE IMPAIRED

SUBSECTION A. DEMOGRAPHIC DESCRIPTION OF THE RESPONDENT POPULATION

ON THE FOLLOWING FOUR PAGES IS A DEMOGRAPHIC DESCRIPTION OF THE RESPONDENT POPULATION ABOVE. PRESENTED FOR EACH QUESTION, 2 THROUGH 11, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. (NOTE: QUESTION 1 CONSISTED OF A ZIP CODE IDENTIFIER WHICH WAS USED ONLY TO CLASSIFY RESPONDENTS BY STATE.)

TEACHERS OF
SPEECH IMPAIRED
LANGUAGE IMPAIRED

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q2 WHAT IS YOUR HIGHEST LEVEL OF FORMAL EDUCATION
IN EACH OF THE THREE CATEGORIES BELOW

	IN CURRENT TEACHING SPECIALTY		IN OTHER EDUCATION-RELATED SPECIALTY		IN OTHER FIELD	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
SOME COLLEGE COURSES	9	0.7	373	28.6	365	28.0
BACHELOR'S DEGREE	283	21.7	183	14.0	74	5.7
WORK BEYOND THE B.A.	325	24.9	158	12.1	32	2.5
MASTER'S DEGREE	403	30.9	76	5.8	9	0.7
WORK BEYOND THE M.A.	207	15.9	74	5.7	14	1.1
PH.D., ED.D.	4	0.3	2	0.2	4	0.3
NONE	2	0.2	119	9.1	272	20.9
INVALID OR NO RESPONSE	71	5.4	319	24.5	534	41.0

Q3 WHAT IS THE EXTENT OF YOUR PROFESSIONAL EXPERIENCE
IN EACH OF THE TWO CATEGORIES BELOW

	TEACHING THE HANDICAPPED		OTHER TEACHING	
	FREQ.	PCT	FREQ.	PCT
LESS THAN 1 YEAR	100	7.7	160	12.3
1 TO 3 YEARS	410	31.4	129	9.9
4 TO 7 YEARS	442	33.9	58	4.4
8 TO 15 YEARS	272	20.9	24	1.8
16 OR MORE YEARS	57	4.4	13	1.0
NONE	0	0.0	405	31.1
INVALID OR NO RESPONSE	23	1.8	515	39.5

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q4 WHAT IS YOUR PRIMARY ROLE THIS SCHOOL YEAR

	FREQ.	PCT
CLINICIAN/THERAPIST/PATHOLOGIST	1114	85.4
ITINERANT TEACHER	38	2.9
SPECIAL CLASS TEACHER -- ALL SUBJECTS	31	2.4
SPECIAL CLASS TEACHER -- SPECIFIC SUBJECT(S)	25	1.9
RESOURCE ROOM TEACHER	23	1.8
DIAGNOSTIC/PRESCRIPTIVE TEACHER	9	0.7
ITINERANT RESOURCE PERSON	8	0.6
REGULAR CLASSROOM TEACHER	3	0.2
MEDIA SPECIALIST OR LIBRARIAN	0	0.0
HOME/HOSPITAL-BOUND TEACHER	0	0.0
OTHER	18	1.4
INVALID OR NO RESPONSE	35	2.7

Q5 HOW MANY HANDICAPPED STUDENTS ARE YOU WORKING WITH AT THE PRESENT TIME

	FREQ.	PCT
40 OR MORE	869	66.6
30 TO 39	133	10.2
20 TO 29	120	9.2
10 TO 19	106	8.1
5 TO 9	31	2.4
4 OR FEWER	18	1.4
INVALID OR NO RESPONSE	27	2.1

Q6 IN YOUR TEACHING, HOW DO YOU PRESENTLY SPEND MOST OF YOUR TIME

	FREQ.	PCT
WITH SMALL GROUPS (2 TO 6 STUDENTS)	907	69.6
WITH INDIVIDUAL STUDENTS	348	26.7
WITH LARGER GROUPS (7 OR MORE STUDENTS)	25	1.9
INVALID OR NO RESPONSE	24	1.8

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q7 WHICH CHRONOLOGICAL AGE CATEGORY BELOW BEST DESCRIBES YOUR CURRENT STUDENTS

	FREQ.	PCT
5 TO 8	514	39.4
11 AND YOUNGER	297	22.8
ALL AGES	273	20.9
9 TO 11	75	5.8
4 AND YOUNGER	32	2.5
12 AND OLDER	31	2.4
12 TO 14	23	1.8
15 TO 17	20	1.5
18 AND OLDER	14	1.1
INVALID OR NO RESPONSE	25	1.9

Q8 BY WHICH OF THE FOLLOWING ARE YOU EMPLOYED

	FREQ.	PCT
LOCAL PUBLIC SCHOOL DISTRICT	1112	85.3
STATE AGENCY OTHER THAN STATE EDUCATION AGENCY	76	5.8
PRIVATE OR NONPUBLIC AGENCY	11	0.8
OTHER AGENCY	82	6.3
INVALID OR NO RESPONSE	23	1.8

Q9 AT WHAT TYPE OF FACILITY DO YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
REGULAR SCHOOL	1109	85.0
SPECIAL EDUCATION SCHOOL (NONRESIDENTIAL)	81	6.2
SPECIAL EDUCATION RESIDENTIAL SCHOOL	48	3.7
DEVELOPMENTAL CENTER	15	1.2
CLINIC OR REHABILITATION AGENCY	10	0.8
HOSPITAL	4	0.3
OTHER FACILITY	13	1.0
INVALID OR NO RESPONSE	24	1.8

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q10 WHAT IS THE TOTAL ENROLLMENT OF THE SCHOOL AT WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
500 TO 999	384	29.4
250 TO 499	378	29.0
1,000 OR MORE	199	15.3
100 TO 249	132	10.1
LESS THAN 100	48	3.7
NOT APPLICABLE	136	10.4
INVALID OR NO RESPONSE	27	2.1

Q11 WHICH BEST DESCRIBES THE TYPE OF COMMUNITY IN WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
TOWN (25,000 OR UNDER)	321	24.6
SMALL CITY (25,000 -- 100,000)	194	14.9
RURAL AREA NEAR A LARGE OR MEDIUM-SIZE CITY	181	13.9
MEDIUM-SIZE CITY (100,000 -- 500,000)	156	12.0
SUBURB OF A LARGE OR MEDIUM-SIZE CITY	150	11.5
RURAL AREA NOT NEAR A LARGE OR MEDIUM-SIZE CITY	149	11.4
LARGE CITY (500,000 OR LARGER)	124	9.5
INVALID OR NO RESPONSE	29	2.2

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SECTION III. TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

RESPONDENT POPULATION 4: TEACHERS OF THE SPEECH AND LANGUAGE IMPAIRED

SUBSECTION B. ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

THE NEXT SIX PAGES CONTAIN THE ANALYSES OF THE ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS FOR THE RESPONDENT POPULATION ABOVE. PRESENTED FOR EACH QUESTION, 1 THROUGH 9, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. ALL PERCENTAGE CALCULATIONS, EXCEPT THOSE FOR QUESTIONS 7 AND 9, ARE BASED ON THE RESPONDENT POPULATION FREQUENCY IN THE UPPER RIGHT CORNER OF THE PAGE.

FOR QUESTIONS 7 AND 9, THE RESPONDENT BASE IS RESTRICTED IN A MANNER THAT IS EVIDENT FROM READING THE QUESTIONS; I.E., THE RESPONSE TO EACH ALTERNATIVE IN QUESTION 7 IS PREDICATED UPON A RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6. THEREFORE, THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 7 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6, RATHER THAN THE RESPONDENT POPULATION FREQUENCY.

QUESTION 9 IS SIMILARLY CONTINGENT UPON QUESTION 8. THAT IS, A RESPONSE TO A GIVEN ALTERNATIVE FOR QUESTION 9 WAS APPROPRIATE ONLY IF THAT SAME ALTERNATIVE WAS CHOSEN IN QUESTION 8, AND THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 9 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 8.

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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q1 FROM WHICH OF THE FOLLOWING SOURCES DO YOU OBTAIN MOST OF YOUR INFORMATION ABOUT TRAINING OPPORTUNITIES

	FREQ.	PCT
NO SOURCE AVAILABLE	14	1.1
WORKSHOPS AND CONFERENCES	687	52.7
WORD OF MOUTH FROM COLLEAGUES	684	52.5
PROFESSIONAL JOURNALS	420	32.2
SUPERVISOR	407	31.2
COLLEGE BULLETINS AND ANNOUNCEMENTS	373	28.6
REGIONAL (IN-STATE) NEWSLETTERS/ANNOUNCEMENTS	283	21.7
STATE NEWSLETTERS/ANNOUNCEMENTS	265	20.3
DISTRICT NEWSLETTERS/ANNOUNCEMENTS	264	20.2
PUBLISHERS' BROCHURES	168	12.9
NATIONAL NEWSLETTERS/ANNOUNCEMENTS	55	4.2
REGIONAL (MULTI-STATE) NEWSLETTERS/ANNOUNCEMENTS	52	4.0
PUBLIC MEDIA ANNOUNCEMENTS	24	1.8
OTHER	31	2.4

Q2 TO WHAT EXTENT IS EACH OF THE FOLLOWING AN OBSTACLE TO ACQUIRING THE MEDIA AND MATERIALS TRAINING YOU NEED

	GREAT		MODERATE		LITTLE OR NOT AT ALL		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
TOO EXPENSIVE	479	36.7	455	34.9	255	19.6	115	8.8
INCONVENIENT LOCATION OF TRAINING PROGRAMS	450	34.5	475	36.4	272	20.9	107	8.2
INSUFFICIENT RELEASED TIME	426	32.7	390	29.9	391	30.0	97	7.4
INCONVENIENT SCHEDULING OF TRAINING PROGRAMS	373	28.6	515	39.5	295	22.6	121	9.3
LACK OF INFORMATION ABOUT TRAINING OPPORTUNITIES	246	18.9	522	40.0	422	32.4	114	8.7
TRAINING I NEED NOT OFFERED	244	18.7	452	34.7	479	36.7	129	9.9
NEGATIVE ATTITUDE OF ADMINISTRATORS/OTHER TEACHERS	209	16.0	325	24.9	643	49.3	127	9.7
LACK OF QUALIFIED TRAINERS	148	11.3	346	26.5	636	48.8	174	13.3
OTHER	35	2.7	38	2.9	229	17.6	1002	76.8

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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q3 HOW ARE YOUR TRAINING NEEDS USUALLY MADE KNOWN TO ADMINISTRATIVE PERSONNEL IN YOUR DISTRICT OR FACILITY

	FREQ.	PCT
REQUEST TO SUPERVISOR	702	53.8
NO REGULAR PROCEDURE TO MAKE TRAINING NEEDS KNOWN	370	28.4
DIRECT REQUEST TO DISTRICT OFFICE	143	11.0
OTHER PROCEDURE	22	1.7
STRUCTURED INTERVIEW/QUESTIONNAIRE	21	1.6
INVALID OR NO RESPONSE	46	3.5

Q4 HAVE PACKAGED TRAINING KITS AND/OR PROGRAMMED MATERIALS PLAYED AN IMPORTANT ROLE IN YOUR TRAINING

	YES		NO		NEVER USED		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
DURING PRESERVICE/IN COLLEGE	380	29.1	486	37.3	390	29.9	48	3.7
DURING INSERVICE	456	35.0	490	37.6	302	23.2	56	4.3
ON YOUR OWN	641	49.2	401	30.8	224	17.2	38	2.9

Q5 HOW VALUABLE WOULD SELF-INSTRUCTIONAL TRAINING KITS BE FOR YOUR TRAINING NEEDS IN EACH OF THE FOLLOWING SKILLS

	OF GREAT VALUE		OF SOME VALUE		OF LITTLE OR NO VALUE		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
MATCHING MEDIA/MATERIALS TO LEARNER NEEDS	704	54.0	460	35.3	105	8.1	35	2.7
DESIGNING MEDIA/MATERIALS	680	52.1	462	35.4	123	9.4	39	3.0
ADAPTING MEDIA/MATERIALS	645	49.5	534	41.0	85	6.5	40	3.1
UTILIZING MEDIA/MATERIALS	569	43.6	580	44.5	98	7.5	57	4.4
SELECTING/EVALUATING MEDIA/MATERIALS	485	37.2	630	48.3	154	11.8	35	2.7
REPAIRING MEDIA AND EQUIPMENT	241	18.5	477	36.6	533	40.9	53	4.1

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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q6 WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
HOW TO SELECT MEDIA AND MATERIALS ACCORDING TO SPECIFIC LEARNING OBJECTIVES FOR										
LANGUAGE/SPEECH DEVELOPMENT	1274	97.7	934	73.3	86	6.8	191	15.0	14	1.1
COGNITIVE DEVELOPMENT	754	57.8	477	63.3	84	11.1	124	16.4	18	2.4
SOCIAL/PERSONAL DEVELOPMENT	463	35.5	207	44.7	60	13.0	140	30.2	28	6.0
PSYCHOMOTOR DEVELOPMENT	312	23.9	185	59.3	38	12.2	51	16.3	23	7.4
ACADEMIC DEVELOPMENT	291	22.3	164	56.4	26	8.9	74	25.4	10	3.4
HOW TO SELECT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	1099	84.3	555	50.5	102	9.3	360	32.8	29	2.6
PUPIL INTEREST LEVEL	916	70.2	246	26.9	65	7.1	535	58.4	35	3.8
PUPIL RESPONSE MODE	770	59.0	373	48.4	84	10.9	230	29.9	40	5.2
PUPIL SENSORY INPUT MODE	725	55.6	411	56.7	75	10.3	171	23.6	31	4.3
PUPIL CULTURAL BACKGROUND	503	38.6	119	23.7	58	11.5	245	48.7	60	11.9
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO										
SPECIFIC LEARNING OBJECTIVES	1092	83.7	547	50.1	181	16.6	289	26.5	36	3.3
PUPIL FUNCTIONAL LEVEL	974	74.7	451	46.3	89	9.1	363	37.3	26	2.7
PUPIL INTEREST LEVEL	812	62.3	197	24.3	60	7.4	489	60.2	31	3.8
PUPIL RESPONSE MODE	669	51.3	309	46.2	65	9.7	223	33.3	38	5.7
PUPIL SENSORY INPUT MODE	652	50.0	334	51.2	64	9.8	185	28.4	32	4.9
PUPIL CULTURAL BACKGROUND	439	33.7	98	22.3	45	10.3	220	50.1	54	12.3
HOW TO										
EVALUATE EFFECTIVENESS OF MEDIA/MATERIALS	926	71.0	298	32.2	106	11.4	379	40.9	115	12.4
TRAIN PARENTS IN USE OF CHILD INSTR. MTRLS	798	61.2	128	16.0	76	9.5	327	41.0	218	27.3
COORDINATE TWO OR MORE KINDS OF MATERIALS	752	57.7	118	15.7	68	9.0	448	59.6	85	11.3
INTERPRET RESEARCH ON MEDIA/MATERIALS	519	39.8	327	63.0	38	7.3	81	15.6	56	10.8
USE INSTR. MATERIALS/LEARNING RESOURCE CENTER	513	39.3	100	19.5	138	26.9	177	34.5	60	11.7
PLAN/IMPLEMENT A MULTIMEDIA PRESENTATION	257	19.7	51	19.8	33	12.8	83	32.3	76	29.6
PREPARE MULTIMEDIA KITS	252	19.3	35	13.9	29	11.5	79	31.3	98	38.9
USE A COMPUTER TO DIAGNOSE LEARNER NEEDS	99	7.6	4	4.0	11	11.1	0	0.0	72	72.7
USE A COMPUTER TO OBTAIN MATERIALS INFO.	88	6.7	5	5.7	11	12.5	4	4.5	62	70.5
USE A COMPUTER TO MONITOR PUPIL PROGRESS	79	6.1	4	5.1	10	12.7	3	3.8	51	64.6

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

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Q6 (CONTINUED) WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 (CONTINUED) FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
PROGRAMMED INSTRUCTIONAL MATERIALS	612	46.9	140	22.9	148	24.2	241	39.4	51	8.3
MATERIALS FOR INDEPENDENT CHILD USE	519	39.8	94	18.1	64	12.3	239	46.1	75	14.5
MEDIA HARDWARE AND EQUIPMENT	465	35.7	166	35.7	66	14.2	170	36.6	33	7.1
MULTIMEDIA KITS	270	20.7	49	18.1	47	17.4	99	36.7	59	21.9
ADAPTIVE EQUIPMENT	243	18.6	51	21.0	36	14.8	105	43.2	37	15.2
HOW TO MAKE										
A MASTER FOR REPRODUCTION UNITS	766	58.7	150	19.6	120	15.7	432	56.4	39	5.1
GRAPHICS (E.G., CHARTS, FLASH CARDS)	611	46.9	144	23.6	43	7.0	368	60.2	35	5.7
AUDIO-VISUAL MATERIALS	525	40.3	162	30.9	66	12.6	186	35.4	78	14.9
AUDIO MATERIALS	510	39.1	159	31.2	55	10.8	209	41.0	58	11.4
TACTILE MATERIALS	385	29.5	103	26.8	36	9.4	181	47.0	42	10.9
EXHIBITS	89	6.8	14	15.7	3	3.4	48	53.9	16	18.0
HOW TO OPERATE										
TAPE RECORDER	882	67.6	266	30.2	27	3.1	529	60.0	20	2.3
SPECIALIZED EQUIPMENT (E.G., OPTACON)	675	51.8	287	42.5	101	15.0	123	18.2	123	18.2
DRY MOUNT PRESS/LAMINATOR	437	33.5	80	18.3	95	21.7	166	38.0	72	16.5
FILMSTRIP PROJECTOR	307	23.5	98	31.9	34	11.1	130	42.3	29	9.4
VIDEOTAPE EQUIPMENT	262	20.1	68	26.0	44	16.8	42	16.0	91	34.7
UNIQUE TEACHING MACHINES	261	20.0	50	19.2	36	13.8	69	26.4	82	31.4
FILM PROJECTOR	175	13.4	64	36.6	19	10.9	58	33.1	20	11.4
STILL PHOTOGRAPHIC EQUIPMENT	83	6.4	9	10.8	3	3.6	42	50.6	22	26.5
COMPUTER-BASED INSTRUCTIONAL EQUIPMENT	74	5.7	5	6.8	9	12.2	3	4.1	47	63.5
MOTION PICTURE CAMERA	34	2.6	3	8.8	3	8.8	13	38.2	12	35.3

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q8 FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 8, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

	Q8		PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO SPECIFIC OBJECTIVES FOR	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
LANGUAGE/SPEECH DEVEL.	956	73.3	12	1.3	56	5.9	67	7.0	113	11.8	30	3.1	466	48.7	52	5.4	138	14.4
COGNITIVE DEVELOPMENT	417	32.0	7	1.7	18	4.3	31	7.4	33	7.9	8	1.9	248	59.5	12	2.9	41	9.8
SOCIAL/PERSONAL DEVEL.	214	16.4	6	2.8	3	1.4	21	9.8	25	11.7	4	1.9	81	37.9	2	0.9	62	29.0
PSYCHOMOTOR DEVELOP.	141	10.8	2	1.4	2	1.4	21	14.9	20	14.2	2	1.4	64	45.4	3	2.1	15	10.6
ACADEMIC DEVELOPMENT	122	9.4	29	23.8	6	4.9	4	3.3	7	5.7	4	3.3	45	36.9	3	2.5	19	15.6
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO																		
PUPIL FUNCTIONAL LEVEL	455	34.9	44	9.7	40	8.8	25	5.5	51	11.2	11	2.4	101	22.2	13	2.9	148	32.5
PUPIL INTEREST LEVEL	220	16.9	20	9.1	14	6.4	7	3.2	30	13.6	5	2.3	20	9.1	12	5.5	106	48.2
PUPIL INPUT MODE	191	14.6	6	3.1	9	4.7	14	7.3	29	15.2	8	4.2	77	40.3	5	2.6	32	16.8
PUPIL RESPONSE MODE	152	11.7	3	2.0	8	5.3	9	5.9	18	11.8	5	3.3	52	34.2	5	3.3	45	29.6
PUPIL CULT. BACKGROUND	121	9.3	14	11.6	8	6.6	11	9.1	14	11.6	4	3.3	21	17.4	2	1.7	41	33.9
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO																		
SPECIFIC LRNG OBJCTVS.	600	46.0	23	3.8	66	11.0	37	6.2	110	18.3	31	5.2	166	27.7	35	5.8	116	19.3
PUPIL FUNCTIONAL LEVEL	330	25.3	30	9.1	21	6.4	24	7.3	52	15.8	9	2.7	66	20.0	14	4.2	100	30.3
PUPIL INTEREST LEVEL	171	13.1	20	11.7	4	2.3	6	3.5	24	14.0	3	1.8	18	10.5	14	8.2	76	44.4
PUPIL INPUT MODE	148	11.3	4	2.7	6	4.1	15	10.1	23	15.5	2	1.4	61	41.2	1	0.7	25	16.9
PUPIL RESPONSE MODE	137	10.5	5	3.6	5	3.6	12	8.8	16	11.7	5	3.6	50	36.5	4	2.9	33	24.1
PUPIL CULT. BACKGROUND	76	5.8	9	11.8	7	9.2	6	7.9	15	19.7	4	5.3	8	10.5	2	2.6	20	26.3
HOW TO																		
EVAL. MEDIA/MATERIALS	449	34.4	17	3.8	44	9.8	22	4.9	73	16.3	19	4.2	97	21.6	28	6.2	135	30.1
TRAIN PARENTS IN MTRLS	434	33.3	19	4.4	50	11.5	44	10.1	92	21.2	24	5.5	69	15.9	21	4.8	96	22.1
COORD. TWO/MORE MTRLS	179	13.7	13	7.3	18	10.1	11	6.1	46	25.7	3	1.7	20	11.2	17	9.5	43	24.0
INTERPRET M/M RESEARCH	165	12.7	5	3.0	10	6.1	5	3.0	24	14.5	8	4.8	86	52.1	9	5.5	9	5.5
USE LRNG RESOURCE CTR	127	9.7	18	14.2	12	9.4	5	3.9	31	24.4	2	1.6	17	13.4	10	7.9	24	18.9
PREPARE MULTIMEDIA KITS	104	8.0	2	1.9	5	4.8	10	9.6	34	32.7	6	5.8	16	15.4	16	15.4	9	8.7
PLAN MULTIMEDIA PRES.	80	6.1	2	2.5	4	5.0	8	10.0	27	33.8	6	7.5	9	11.3	4	5.0	15	18.8
USE COMPUTER TO DIAG.	69	5.3	1	1.4	0	0.0	7	10.1	8	11.6	2	2.9	25	36.2	18	26.1	5	7.2
USE COMPUTER TO MONITOR	54	4.1	1	1.9	1	1.9	6	11.1	8	14.8	2	3.7	15	27.8	13	24.1	3	5.6
USE COMPUTER FOR INFO	42	3.2	0	0.0	1	2.4	5	11.9	10	23.8	0	0.0	10	23.8	13	31.0	1	2.4

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Q8 (CONTINUED) FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 (CONTINUED) FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 8, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

			PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
INDEP. CHILD USE MTRLS	175	13.4	12	6.9	12	6.9	12	6.9	32	18.3	7	4.0	17	9.7	50	28.6	31	17.7
PROGRAMMED MATERIALS	169	13.0	6	3.6	11	6.5	21	12.4	27	16.0	4	2.4	28	16.6	49	29.0	19	11.2
MULTIMEDIA KITS	64	4.9	3	4.7	2	3.1	8	12.5	17	26.6	1	1.6	11	17.2	18	28.1	2	3.1
MEDIA HARDWARE/EQUIP.	62	4.8	6	9.7	6	9.7	1	1.6	16	25.8	1	1.6	7	11.3	20	32.3	4	6.5
ADAPTIVE EQUIPMENT	62	4.8	2	3.2	4	6.5	6	9.7	17	27.4	0	0.0	10	16.1	15	24.2	8	12.9
HOW TO MAKE																		
AUDIO-VISUAL MATERIALS	114	8.7	9	7.9	8	7.0	6	5.3	26	22.8	4	3.5	22	19.3	23	20.2	12	10.5
AUDIO MATERIALS	67	5.1	4	6.0	1	1.5	6	9.0	13	19.4	1	1.5	11	16.4	16	23.9	10	14.9
GRAPHICS (E.G., CHARTS)	62	4.8	7	11.3	3	4.8	5	8.1	11	17.7	1	1.6	7	11.3	7	11.3	20	32.3
REPRODUCTION MASTERS	42	3.2	10	23.8	0	0.0	3	7.1	3	7.1	1	2.4	8	19.0	4	9.5	11	26.2
TACTILE MATERIALS	35	2.7	3	8.6	1	2.9	4	11.4	5	14.3	1	2.9	8	22.9	2	5.7	10	28.6
EXHIBITS	12	0.9	2	16.7	0	0.0	4	33.3	1	8.3	0	0.0	0	0.0	2	16.7	3	25.0
HOW TO OPERATE																		
SPECIALIZED EQUIPMENT	143	11.0	5	3.5	6	4.2	7	4.9	19	13.3	1	0.7	26	18.2	56	39.2	17	11.9
VIDEOTAPE EQUIPMENT	98	7.5	13	13.3	7	7.1	6	6.1	12	12.2	1	1.0	9	9.2	31	31.6	14	14.3
UNIQUE TCHNG MACHINES	63	4.8	1	1.6	4	6.3	5	7.9	6	9.5	2	3.2	6	9.5	31	49.2	5	7.9
DRY MOUNT/LAMINATOR	49	3.8	13	26.5	0	0.0	4	8.2	6	12.2	1	2.0	5	10.2	8	16.3	9	18.4
COMPUTER-BASED EQUIP.	44	3.4	1	2.3	0	0.0	8	18.2	3	6.8	2	4.5	7	15.9	15	34.1	6	13.6
TAPE RECORDER	35	2.7	4	11.4	3	8.6	0	0.0	1	2.9	0	0.0	3	8.6	4	11.4	20	57.1
STILL PHOTOG. EQUIP.	17	1.3	0	0.0	0	0.0	5	29.4	1	5.9	0	0.0	3	17.6	3	17.6	4	23.5
FILMSTRIP PROJECTOR	13	1.0	2	15.4	1	7.7	0	0.0	1	7.7	0	0.0	0	0.0	3	23.1	5	38.5
FILM PROJECTOR	10	0.8	2	20.0	1	10.0	0	0.0	0	0.0	0	0.0	1	10.0	3	30.0	2	20.0
MOTION PICTURE CAMERA	8	0.6	0	0.0	0	0.0	0	0.0	2	25.0	0	0.0	1	12.5	3	37.5	2	25.0

USERS' GUIDE TO NNA ANALYSIS

SECTION III. TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

RESPONDENT POPULATION 4: TEACHERS OF THE SPEECH AND LANGUAGE IMPAIRED

SUBSECTION C. DEMOGRAPHIC DESCRIPTION OF THE SUBGROUP OF PUBLIC SCHOOL TEACHERS

ON THE FOLLOWING FOUR PAGES IS A DEMOGRAPHIC DESCRIPTION OF THE SUBGROUP OF PUBLIC SCHOOL TEACHERS FROM THE RESPONDENT POPULATION ABOVE. FOR PURPOSES OF THE ANALYSES IN THIS AND THE NEXT SUBSECTION (D), "PUBLIC SCHOOL TEACHER" IS DEFINED AS A RESPONDENT WHO INDICATED IN THE DEMOGRAPHIC SECTION (PAGE 11) OF THE QUESTIONNAIRE THAT HE IS EMPLOYED BY EITHER THE LOCAL PUBLIC SCHOOL DISTRICT OR A STATE AGENCY OTHER THAN THE STATE EDUCATION AGENCY (QUESTION 8) AND THAT HE WORKS PRIMARILY AT EITHER A REGULAR SCHOOL OR A NONRESIDENTIAL SPECIAL EDUCATION SCHOOL (QUESTION 9).

THE SUBGROUP IDENTIFICATION APPEARS IN THE UPPER RIGHT CORNER OF THE PAGE, OPPOSITE THE RESPONDENT POPULATION DESCRIPTION. BELOW IT APPEARS THE NUMBER OF RESPONDENTS IN THIS SUBGROUP. PRESENTED FOR EACH QUESTION, 2 THROUGH 11, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. ALL PERCENTAGE CALCULATIONS ARE BASED ON THE NUMBER OF RESPONDENTS IN THE SUBGROUP. (NOTE: QUESTION 1 CONSISTED OF A ZIP CODE IDENTIFIER WHICH WAS USED ONLY TO CLASSIFY RESPONDENTS BY STATE.)

TEACHERS OF
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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q2 WHAT IS YOUR HIGHEST LEVEL OF FORMAL EDUCATION
IN EACH OF THE THREE CATEGORIES BELOW

	IN CURRENT TEACHING SPECIALTY		IN OTHER EDUCATION-RELATED SPECIALTY		IN OTHER FIELD	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
SOME COLLEGE COURSES	7	0.6	326	29.1	316	28.2
BACHELOR'S DEGREE	263	23.5	163	14.5	67	6.0
WORK BEYOND THE B.A.	286	25.5	145	12.9	28	2.5
MASTER'S DEGREE	338	30.2	60	5.4	8	0.7
WORK BEYOND THE M.A.	180	16.1	64	5.7	13	1.2
PH.D., ED.D.	2	0.2	1	0.1	2	0.2
NONE	2	0.2	104	9.3	237	21.1
INVALID OR NO RESPONSE	43	3.8	258	23.0	450	40.1

Q3 WHAT IS THE EXTENT OF YOUR PROFESSIONAL EXPERIENCE
IN EACH OF THE TWO CATEGORIES BELOW

	TEACHING THE HANDICAPPED		OTHER TEACHING	
	FREQ.	PCT	FREQ.	PCT
LESS THAN 1 YEAR	87	7.8	134	12.0
1 TO 3 YEARS	365	32.6	110	9.8
4 TO 7 YEARS	372	33.2	49	4.4
8 TO 15 YEARS	241	21.5	23	2.1
16 OR MORE YEARS	52	4.6	11	1.0
NONE	0	0.0	359	32.0
INVALID OR NO RESPONSE	4	0.4	435	38.8

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q4 WHAT IS YOUR PRIMARY ROLE THIS SCHOOL YEAR

	FREQ.	PCT
CLINICIAN/THERAPIST/PATHOLOGIST	986	88.0
ITINERANT TEACHER	35	3.1
SPECIAL CLASS TEACHER -- ALL SUBJECTS	27	2.4
RESOURCE ROOM TEACHER	23	2.1
SPECIAL CLASS TEACHER -- SPECIFIC SUBJECT(S)	16	1.4
ITINERANT RESOURCE PERSON	8	0.7
DIAGNOSTIC/PRESCRIPTIVE TEACHER	7	0.6
REGULAR CLASSROOM TEACHER	0	0.0
MEDIA SPECIALIST OR LIBRARIAN	0	0.0
HOME/HOSPITAL-BOUND TEACHER	0	0.0
OTHER	6	0.5
INVALID OR NO RESPONSE	13	1.2

Q5 HOW MANY HANDICAPPED STUDENTS ARE YOU WORKING WITH AT THE PRESENT TIME

	FREQ.	PCT
40 OR MORE	789	70.4
30 TO 39	112	10.0
20 TO 29	92	8.2
10 TO 19	81	7.2
5 TO 9	23	2.1
4 OR FEWER	16	1.4
INVALID OR NO RESPONSE	8	0.7

Q6 IN YOUR TEACHING, HOW DO YOU PRESENTLY SPEND MOST OF YOUR TIME

	FREQ.	PCT
WITH SMALL GROUPS (2 TO 6 STUDENTS)	830	74.0
WITH INDIVIDUAL STUDENTS	275	24.5
WITH LARGER GROUPS (7 OR MORE STUDENTS)	15	1.3
INVALID OR NO RESPONSE	1	0.1

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q7 WHICH CHRONOLOGICAL AGE CATEGORY BELOW BEST DESCRIBES YOUR CURRENT STUDENTS

	FREQ.	PCT
5 TO 8	481	42.9
11 AND YOUNGER	275	24.5
ALL AGES	231	20.6
9 TO 11	64	5.7
12 AND OLDER	19	1.7
12 TO 14	18	1.6
4 AND YOUNGER	17	1.5
15 TO 17	10	0.9
18 AND OLDER	2	0.2
INVALID OR NO RESPONSE	4	0.4

Q8 BY WHICH OF THE FOLLOWING ARE YOU EMPLOYED

	FREQ.	PCT
LOCAL PUBLIC SCHOOL DISTRICT	1093	97.5
STATE AGENCY OTHER THAN STATE EDUCATION AGENCY	28	2.5
PRIVATE OR NONPUBLIC AGENCY	0	0.0
OTHER AGENCY	0	0.0
INVALID OR NO RESPONSE	0	0.0

Q9 AT WHAT TYPE OF FACILITY DO YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
REGULAR SCHOOL	1053	93.9
SPECIAL EDUCATION SCHOOL (NONRESIDENTIAL)	68	6.1
SPECIAL EDUCATION RESIDENTIAL SCHOOL	0	0.0
DEVELOPMENTAL CENTER	0	0.0
CLINIC OR REHABILITATION AGENCY	0	0.0
HOSPITAL	0	0.0
OTHER FACILITY	0	0.0
INVALID OR NO RESPONSE	0	0.0

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q10 WHAT IS THE TOTAL ENROLLMENT OF THE SCHOOL AT WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
500 TO 999	356	31.8
250 TO 499	338	30.2
1,000 OR MORE	177	15.8
100 TO 249	107	9.5
LESS THAN 100	23	2.1
NOT APPLICABLE	113	10.1
INVALID OR NO RESPONSE	7	0.6

Q11 WHICH BEST DESCRIBES THE TYPE OF COMMUNITY IN WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
TOWN (25,000 OR UNDER)	261	23.3
SMALL CITY (25,000 -- 100,000)	165	14.7
RURAL AREA NEAR A LARGE OR MEDIUM-SIZE CITY	161	14.4
MEDIUM-SIZE CITY (100,000 -- 500,000)	140	12.5
SUBURB OF A LARGE OR MEDIUM-SIZE CITY	135	12.0
RURAL AREA NOT NEAR A LARGE OR MEDIUM-SIZE CITY	133	11.9
LARGE CITY (500,000 OR LARGER)	116	10.3
INVALID OR NO RESPONSE	10	0.9

USERS' GUIDE TO NNA ANALYSIS

SECTION III. TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

RESPONDENT POPULATION 4: TEACHERS OF THE SPEECH AND LANGUAGE IMPAIRED

SUBSECTION D. ANALYSIS OF ITEMS ON TRAINING FOR THE SUBGROUP OF PUBLIC SCHOOL TEACHERS

THE NEXT SIX PAGES CONTAIN THE ANALYSES OF THE ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS FOR THE SUBGROUP OF PUBLIC SCHOOL TEACHERS FROM THE RESPONDENT POPULATION ABOVE. (THE TERM "PUBLIC SCHOOL TEACHER" IS DEFINED IN THE INTRODUCTION TO SUBSECTION C.) THIS SUBGROUP IS INDICATED IN THE UPPER RIGHT CORNER OF THE PAGE, OPPOSITE THE DESCRIPTION OF THE RESPONDENT POPULATION. BELOW IT APPEARS THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

PRESENTED FOR EACH QUESTION, 1 THROUGH 9, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. ALL PERCENTAGE CALCULATIONS, EXCEPT THOSE FOR QUESTIONS 7 AND 9, ARE BASED ON THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

FOR QUESTIONS 7 AND 9, THE RESPONDENT BASE IS RESTRICTED IN A MANNER THAT IS EVIDENT FROM READING THE QUESTIONS; I.E., THE RESPONSE TO EACH ALTERNATIVE IN QUESTION 7 IS PREDICATED UPON A RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6. THEREFORE, THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 7 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6, RATHER THAN THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

QUESTION 9 IS SIMILARLY CONTINGENT UPON QUESTION 8. THAT IS, A RESPONSE TO A GIVEN ALTERNATIVE FOR QUESTION 9 WAS APPROPRIATE ONLY IF THAT SAME ALTERNATIVE WAS CHOSEN IN QUESTION 8, AND THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 9 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 8.

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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q1 FROM WHICH OF THE FOLLOWING SOURCES DO YOU OBTAIN MOST OF YOUR INFORMATION ABOUT TRAINING OPPORTUNITIES

	FREQ.	PCT
NO SOURCE AVAILABLE	11	1.0
WORKSHOPS AND CONFERENCES	603	53.8
WORD OF MOUTH FROM COLLEAGUES	588	52.5
SUPERVISOR	348	31.0
PROFESSIONAL JOURNALS	340	30.3
COLLEGE BULLETINS AND ANNOUNCEMENTS	335	29.9
REGIONAL (IN-STATE) NEWSLETTERS/ANNOUNCEMENTS	248	22.1
DISTRICT NEWSLETTERS/ANNOUNCEMENTS	245	21.9
STATE NEWSLETTERS/ANNOUNCEMENTS	236	21.1
PUBLISHERS' BROCHURES	136	12.1
NATIONAL NEWSLETTERS/ANNOUNCEMENTS	46	4.1
REGIONAL (MULTI-STATE) NEWSLETTERS/ANNOUNCEMENTS	38	3.4
PUBLIC MEDIA ANNOUNCEMENTS	21	1.9
OTHER	25	2.2

Q2 TO WHAT EXTENT IS EACH OF THE FOLLOWING AN OBSTACLE TO ACQUIRING THE MEDIA AND MATERIALS TRAINING YOU NEED

	GREAT		MODERATE		LITTLE OR NOT AT ALL		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
TOO EXPENSIVE	411	36.7	397	35.4	223	19.9	90	8.0
INCONVENIENT LOCATION OF TRAINING PROGRAMS	399	35.6	410	36.6	236	21.1	76	6.8
INSUFFICIENT RELEASED TIME	372	33.2	345	30.8	330	29.4	74	6.6
INCONVENIENT SCHEDULING OF TRAINING PROGRAMS	336	30.0	439	39.2	257	22.9	89	7.9
TRAINING I NEED NOT OFFERED	205	18.3	398	35.5	414	36.9	104	9.3
LACK OF INFORMATION ABOUT TRAINING OPPORTUNITIES	203	18.1	468	41.7	366	32.6	84	7.5
NEGATIVE ATTITUDE OF ADMINISTRATORS/OTHER TEACHERS	189	16.9	275	24.5	558	49.8	99	8.8
LACK OF QUALIFIED TRAINERS	127	11.3	297	26.5	560	50.0	137	12.2
OTHER	31	2.8	32	2.9	193	17.2	865	77.2

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Q3 HOW ARE YOUR TRAINING NEEDS USUALLY MADE KNOWN TO ADMINISTRATIVE PERSONNEL IN YOUR DISTRICT OR FACILITY

	FREQ.	PCT
REQUEST TO SUPERVISOR	591	52.7
NO REGULAR PROCEDURE TO MAKE TRAINING NEEDS KNOWN	331	29.5
DIRECT REQUEST TO DISTRICT OFFICE	131	11.7
STRUCTURED INTERVIEW/QUESTIONNAIRE	21	1.9
OTHER PROCEDURE	17	1.5
INVALID OR NO RESPONSE	30	2.7

Q4 HAVE PACKAGED TRAINING KITS AND/OR PROGRAMMED MATERIALS PLAYED AN IMPORTANT ROLE IN YOUR TRAINING

	YES		NO		NEVER USED		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
DURING PRESERVICE/IN COLLEGE	337	30.1	419	37.4	331	29.5	34	3.0
DURING INSERVICE	392	35.0	422	37.6	265	23.6	42	3.7
ON YOUR OWN	559	49.9	345	30.8	194	17.3	23	2.1

Q5 HOW VALUABLE WOULD SELF-INSTRUCTIONAL TRAINING KITS BE FOR YOUR TRAINING NEEDS IN EACH OF THE FOLLOWING SKILLS

	OF GREAT VALUE		OF SOME VALUE		OF LITTLE OR NO VALUE		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
MATCHING MEDIA/MATERIALS TO LEARNER NEEDS	616	55.0	403	36.0	80	7.1	22	2.0
DESIGNING MEDIA/MATERIALS	584	52.1	411	36.7	101	9.0	25	2.2
ADAPTING MEDIA/MATERIALS	558	49.8	470	41.9	67	6.0	26	2.3
UTILIZING MEDIA/MATERIALS	505	45.0	497	44.3	78	7.0	41	3.7
SELECTING/EVALUATING MEDIA/MATERIALS	426	38.0	550	49.1	122	10.9	23	2.1
REPAIRING MEDIA AND EQUIPMENT	202	18.0	422	37.6	461	41.1	36	3.2

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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q6 WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
HOW TO SELECT MEDIA AND MATERIALS ACCORDING TO SPECIFIC LEARNING OBJECTIVES FOR	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
LANGUAGE/SPEECH DEVELOPMENT	1106	98.7	813	73.5	74	6.7	165	14.9	12	1.1
COGNITIVE DEVELOPMENT	643	57.4	416	64.7	66	10.3	101	15.7	17	2.6
SOCIAL/PERSONAL DEVELOPMENT	398	35.5	182	45.7	52	13.1	116	29.1	24	6.0
PSYCHOMOTOR DEVELOPMENT	266	23.7	160	60.2	29	10.9	43	16.2	20	7.5
ACADEMIC DEVELOPMENT	247	22.0	139	56.3	23	9.3	64	25.9	8	3.2
HOW TO SELECT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	946	84.4	488	51.6	85	9.0	307	32.5	24	2.5
PUPIL INTEREST LEVEL	816	72.8	220	27.0	59	7.2	479	58.7	28	3.4
PUPIL RESPONSE MODE	673	60.0	331	49.2	75	11.1	194	28.8	37	5.5
PUPIL SENSORY INPUT MODE	630	56.2	366	58.1	63	10.0	144	22.9	27	4.3
PUPIL CULTURAL BACKGROUND	463	41.3	113	24.4	55	11.9	225	48.6	51	11.0
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO										
SPECIFIC LEARNING OBJECTIVES	957	85.4	488	51.0	155	16.2	251	26.2	31	3.2
PUPIL FUNCTIONAL LEVEL	844	75.3	389	46.1	73	8.6	321	38.0	23	2.7
PUPIL INTEREST LEVEL	718	64.0	175	24.4	53	7.4	431	60.0	28	3.9
PUPIL RESPONSE MODE	581	51.8	275	47.3	52	9.0	197	33.9	30	5.2
PUPIL SENSORY INPUT MODE	570	50.8	300	52.6	53	9.3	161	28.2	24	4.2
PUPIL CULTURAL BACKGROUND	409	36.5	88	21.5	42	10.3	209	51.1	49	12.0
HOW TO										
EVALUATE EFFECTIVENESS OF MEDIA/MATERIALS	814	72.6	265	32.6	92	11.3	342	42.0	91	11.2
TRAIN PARENTS IN USE OF CHILD INSTR. MTRLS	710	63.3	111	15.6	68	9.6	296	41.7	190	26.8
COORDINATE TWO OR MORE KINDS OF MATERIALS	672	59.9	106	15.8	62	9.2	401	59.7	73	10.9
INTERPRET RESEARCH ON MEDIA/MATERIALS	453	40.4	292	64.5	31	6.8	71	15.7	46	10.2
USE INSTR. MATERIALS/LEARNING RESOURCE CENTER .	453	40.4	88	19.4	116	25.6	156	34.4	58	12.8
PREPARE MULTIMEDIA KITS	225	20.1	31	13.8	27	12.0	68	30.2	89	39.6
PLAN/IMPLEMENT A MULTIMEDIA PRESENTATION	221	19.7	44	19.9	30	13.6	69	31.2	68	30.8
USE A COMPUTER TO DIAGNOSE LEARNER NEEDS	86	7.7	2	2.3	8	9.3	0	0.0	66	76.7
USE A COMPUTER TO OBTAIN MATERIALS INFO.	75	6.7	2	2.7	10	13.3	4	5.3	54	72.0
USE A COMPUTER TO MONITOR PUPIL PROGRESS	63	5.6	2	3.2	8	12.7	2	3.2	43	68.3

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

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Q6 (CONTINUED) WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 (CONTINUED) FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES										
PROGRAMMED INSTRUCTIONAL MATERIALS	554	49.4	126	22.7	130	23.5	221	39.9	47	8.5
MATERIALS FOR INDEPENDENT CHILD USE	461	41.1	85	18.4	57	12.4	214	46.4	65	14.1
MEDIA HARDWARE AND EQUIPMENT	412	36.8	150	36.4	59	14.3	151	36.7	26	6.3
MULTIMEDIA KITS	242	21.6	44	18.2	43	17.8	90	37.2	50	20.7
ADAPTIVE EQUIPMENT	203	18.1	43	21.2	30	14.8	86	42.4	32	15.8
HOW TO MAKE										
A MASTER FOR REPRODUCTION UNITS	695	62.0	136	19.6	107	15.4	395	56.8	33	4.7
GRAPHICS (E.G., CHARTS, FLASH CARDS)	547	48.8	130	23.8	37	6.8	333	60.9	28	5.1
AUDIO-VISUAL MATERIALS	471	42.0	148	31.4	58	12.3	169	35.9	68	14.4
AUDIO MATERIALS	469	41.8	145	30.9	51	10.9	193	41.2	51	10.9
TACTILE MATERIALS	331	29.5	93	28.1	31	9.4	151	45.6	34	10.3
EXHIBITS	76	6.8	13	17.1	2	2.6	39	51.3	14	18.4
HOW TO OPERATE										
TAPE RECORDER	794	70.8	240	30.2	22	2.8	477	60.1	17	2.1
SPECIALIZED EQUIPMENT (E.G., OPTACON)	595	53.1	263	44.2	84	14.1	105	17.6	104	17.5
DRY MOUNT PRESS/LAMINATOR	402	35.9	74	18.4	87	21.6	156	38.8	62	15.4
FILMSTRIP PROJECTOR	268	23.9	83	31.0	26	9.7	119	44.4	26	9.7
UNIQUE TEACHING MACHINES	223	19.9	46	20.6	27	12.1	59	26.5	71	31.8
VIDEOTAPE EQUIPMENT	221	19.7	59	26.7	32	14.5	36	16.3	80	36.2
FILM PROJECTOR	143	12.8	51	35.7	12	8.4	50	35.0	18	12.6
COMPUTER-BASED INSTRUCTIONAL EQUIPMENT	60	5.4	3	5.0	7	11.7	2	3.3	43	71.7
STILL PHOTOGRAPHIC EQUIPMENT	59	5.3	6	10.2	2	3.4	30	50.8	14	23.7
MOTION PICTURE CAMERA	25	2.2	3	12.0	3	12.0	9	36.0	8	32.0

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

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Q8 FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 8, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

	Q8		PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO SPECIFIC OBJECTIVES FOR	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
LANGUAGE/SPEECH DEVEL.	843	75.2	12	1.4	48	5.7	52	6.2	99	11.7	24	2.8	419	49.7	50	5.9	120	14.2
COGNITIVE DEVELOPMENT	352	31.4	7	2.0	15	4.3	20	5.7	30	8.5	6	1.7	214	60.8	12	3.4	33	9.4
SOCIAL/PERSONAL DEVEL.	183	16.3	5	2.7	2	1.1	17	9.3	17	9.3	4	2.2	71	38.8	2	1.1	57	31.1
PSYCHOMOTOR DEVELOP.	121	10.8	2	1.7	1	0.8	13	10.7	19	15.7	2	1.7	58	47.9	3	2.5	13	10.7
ACADEMIC DEVELOPMENT	107	9.5	25	23.4	5	4.7	3	2.8	7	6.5	3	2.8	40	37.4	2	1.9	18	16.8
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO																		
PUPIL FUNCTIONAL LEVEL	379	33.8	41	10.8	32	8.4	13	3.4	43	11.3	10	2.6	93	24.5	13	3.4	117	30.9
PUPIL INTEREST LEVEL	199	17.8	19	9.5	12	6.0	5	2.5	27	13.6	5	2.5	20	10.1	11	5.5	94	47.2
PUPIL INPUT MODE	161	14.4	6	3.7	7	4.3	9	5.6	26	16.1	5	3.1	68	42.2	5	3.1	27	16.8
PUPIL RESPONSE MODE	124	11.1	3	2.4	6	4.8	5	4.0	15	12.1	4	3.2	48	38.7	4	3.2	33	26.6
PUPIL CULT. BACKGROUND	119	10.6	14	11.8	7	5.9	11	9.2	14	11.8	4	3.4	21	17.6	2	1.7	40	33.6
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO																		
SPECIFIC LRNG OBJCTVS.	532	47.5	20	3.8	56	10.5	29	5.5	100	18.8	27	5.1	152	28.6	30	5.6	104	19.5
PUPIL FUNCTIONAL LEVEL	284	25.3	26	9.2	17	6.0	21	7.4	45	15.8	7	2.5	63	22.2	11	3.9	83	29.2
PUPIL INTEREST LEVEL	150	13.4	17	11.3	3	2.0	5	3.3	22	14.7	2	1.3	18	12.0	11	7.3	68	45.3
PUPIL INPUT MODE	119	10.6	4	3.4	3	2.5	13	10.9	19	16.0	1	0.8	55	46.2	0	0.0	17	14.3
PUPIL RESPONSE MODE	114	10.2	5	4.4	4	3.5	9	7.9	13	11.4	4	3.5	47	41.2	3	2.6	24	21.1
PUPIL CULT. BACKGROUND	71	6.3	7	9.9	5	7.0	6	8.5	15	21.1	4	5.6	8	11.3	2	2.8	20	28.2
HOW TO																		
EVAL. MEDIA/MATERIALS	400	35.7	14	3.5	37	9.3	19	4.8	59	14.8	19	4.8	91	22.8	27	6.8	123	30.8
TRAIN PARENTS IN MTRLS	388	34.6	18	4.6	42	10.8	39	10.1	84	21.6	23	5.9	64	16.5	17	4.4	84	21.6
COORD. TWO/MORE MTRLS	159	14.2	8	5.0	15	9.4	8	5.0	42	26.4	2	1.3	20	12.6	15	9.4	42	26.4
INTERPRET M/M RESEARCH	139	12.4	5	3.6	9	6.5	3	2.2	18	12.9	7	5.0	75	54.0	9	6.5	6	4.3
USE LRNG RESOURCE CTR	108	9.6	14	13.0	11	10.2	4	3.7	27	25.0	2	1.9	12	11.1	9	8.3	22	20.4
PREPARE MULTIMEDIA KITS	89	7.9	2	2.2	4	4.5	7	7.9	28	31.5	6	6.7	13	14.6	15	16.9	9	10.1
PLAN MULTIMEDIA PRES.	68	6.1	2	2.9	3	4.4	6	8.8	25	36.8	4	5.9	9	13.2	3	4.4	13	19.1
USE COMPUTER TO DIAG.	59	5.3	1	1.7	0	0.0	6	10.2	7	11.9	2	3.4	23	39.0	15	25.4	2	3.4
USE COMPUTER TO MONITOR	44	3.9	1	2.3	1	2.3	4	9.1	8	18.2	2	4.5	12	27.3	10	22.7	1	2.3
USE COMPUTER FOR INFO	35	3.1	0	0.0	1	2.9	5	14.3	8	22.9	0	0.0	8	22.9	11	31.4	0	0.0

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Q8 (CONTINUED) FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 (CONTINUED) FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 8, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

			PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
INDEP. CHILD USE MTRLS	156	13.9	10	6.4	11	7.1	11	7.1	28	17.9	7	4.5	17	10.9	43	27.6	28	17.9
PROGRAMMED MATERIALS	153	13.6	5	3.3	9	5.9	19	12.4	27	17.6	3	2.0	26	17.0	43	28.1	17	11.1
MEDIA HARDWARE/EQUIP.	56	5.0	4	7.1	5	8.9	1	1.8	15	26.8	1	1.8	7	12.5	19	33.9	3	5.4
MULTIMEDIA KITS	56	5.0	2	3.6	2	3.6	7	12.5	16	28.6	1	1.8	9	16.1	15	26.8	2	3.6
ADAPTIVE EQUIPMENT	47	4.2	1	2.1	3	6.4	3	6.4	13	27.7	0	0.0	10	21.3	12	25.5	5	10.6
HOW TO MAKE																		
AUDIO-VISUAL MATERIALS	102	9.1	8	7.8	8	7.8	5	4.9	23	22.5	4	3.9	19	18.6	21	20.6	10	9.8
AUDIO MATERIALS	60	5.4	4	6.7	1	1.7	5	8.3	13	21.7	1	1.7	10	16.7	14	23.3	8	13.3
GRAPHICS (E.G., CHARTS)	49	4.4	7	14.3	2	4.1	5	10.2	9	18.4	1	2.0	5	10.2	5	10.2	14	28.6
REPRODUCTION MASTERS	39	3.5	9	23.1	0	0.0	3	7.7	3	7.7	1	2.6	7	17.9	4	10.3	10	25.6
TACTILE MATERIALS	24	2.1	2	8.3	1	4.2	2	8.3	4	16.7	0	0.0	7	29.2	0	0.0	7	29.2
EXHIBITS	11	1.0	2	18.2	0	0.0	4	36.4	1	9.1	0	0.0	0	0.0	1	9.1	3	27.3
HOW TO OPERATE																		
SPECIALIZED EQUIPMENT	120	10.7	3	2.5	4	3.3	5	4.2	17	14.2	1	0.8	25	20.8	46	38.3	13	10.8
VIDEOTAPE EQUIPMENT	88	7.9	12	13.6	6	6.8	6	6.8	12	13.6	1	1.1	8	9.1	26	29.5	12	13.6
UNIQUE TCHNG MACHINES	50	4.5	1	2.0	3	6.0	4	8.0	5	10.0	1	2.0	5	10.0	25	50.0	5	10.0
DRY MOUNT/LAMINATOR	41	3.7	9	22.0	0	0.0	3	7.3	6	14.6	1	2.4	4	9.8	6	14.6	9	22.0
COMPUTER-BASED EQUIP.	33	2.9	1	3.0	0	0.0	5	15.2	3	9.1	1	3.0	6	18.2	11	33.3	5	15.2
TAPE RECORDER	32	2.9	4	12.5	3	9.4	0	0.0	1	3.1	0	0.0	3	9.4	3	9.4	18	56.3
STILL PHOTOG. EQUIP.	12	1.1	0	0.0	0	0.0	4	33.3	1	8.3	0	0.0	2	16.7	2	16.7	3	25.0
FILMSTRIP PROJECTOR	9	0.8	1	11.1	1	11.1	0	0.0	1	11.1	0	0.0	0	0.0	2	22.2	3	33.3
FILM PROJECTOR	8	0.7	2	25.0	1	12.5	0	0.0	0	0.0	0	0.0	1	12.5	1	12.5	2	25.0
MOTION PICTURE CAMERA	6	0.5	0	0.0	0	0.0	0	0.0	1	16.7	0	0.0	1	16.7	2	33.3	2	33.3

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RESPONDENT POPULATION 4: TEACHERS OF THE SPEECH AND LANGUAGE IMPAIRED

SUBSECTION E. DEMOGRAPHIC DESCRIPTION OF THE SUBGROUP OF INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHERS

ON THE FOLLOWING FOUR PAGES IS A DEMOGRAPHIC DESCRIPTION OF THE SUBGROUP OF INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHERS FROM THE RESPONDENT POPULATION ABOVE. FOR PURPOSES OF THE ANALYSES IN THIS AND THE NEXT SUBSECTION (F), "INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHER" IS DEFINED AS A RESPONDENT WHO INDICATED IN THE DEMOGRAPHIC SECTION (PAGE 11) OF THE QUESTIONNAIRE EITHER

(1) THAT HE IS EMPLOYED BY THE LOCAL PUBLIC SCHOOL DISTRICT OR A STATE AGENCY OTHER THAN THE STATE EDUCATION AGENCY (QUESTION 8) AND THAT HE WORKS PRIMARILY AT A SPECIAL EDUCATION RESIDENTIAL SCHOOL, DEVELOPMENTAL CENTER, CLINIC OR REHABILITATION AGENCY, HOSPITAL, OR OTHER FACILITY (QUESTION 9),

OR (2) THAT HE IS EMPLOYED BY A PRIVATE OR NONPUBLIC AGENCY OR OTHER AGENCY (QUESTION 8) REGARDLESS OF THE TYPE OF FACILITY IN WHICH HE WORKS (QUESTION 9).

THE SUBGROUP IDENTIFICATION APPEARS IN THE UPPER RIGHT CORNER OF THE PAGE, OPPOSITE THE RESPONDENT POPULATION DESCRIPTION. BELOW IT APPEARS THE NUMBER OF RESPONDENTS IN THIS SUBGROUP. PRESENTED FOR EACH QUESTION, 2 THROUGH 11, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. ALL PERCENTAGE CALCULATIONS ARE BASED ON THE NUMBER OF RESPONDENTS IN THE SUBGROUP. (NOTE: QUESTION 1 CONSISTED OF A ZIP CODE IDENTIFIER WHICH WAS USED ONLY TO CLASSIFY RESPONDENTS BY STATE.)

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Q2 WHAT IS YOUR HIGHEST LEVEL OF FORMAL EDUCATION
IN EACH OF THE THREE CATEGORIES BELOW

	IN CURRENT TEACHING SPECIALTY		IN OTHER EDUCATION-RELATED SPECIALTY		IN OTHER FIELD	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
SOME COLLEGE COURSES	2	1.3	46	29.1	47	29.7
BACHELOR'S DEGREE	19	12.0	20	12.7	7	4.4
WORK BEYOND THE B.A.	38	24.1	12	7.6	4	2.5
MASTER'S DEGREE	64	40.5	14	8.9	1	0.6
WORK BEYOND THE M.A.	25	15.8	9	5.7	1	0.6
PH.D., ED.D.	2	1.3	1	0.6	2	1.3
NONE	0	0.0	15	9.5	35	22.2
INVALID OR NO RESPONSE	8	5.1	41	25.9	61	38.6

Q3 WHAT IS THE EXTENT OF YOUR PROFESSIONAL EXPERIENCE
IN EACH OF THE TWO CATEGORIES BELOW

	TEACHING THE HANDICAPPED		OTHER TEACHING	
	FREQ.	PCT	FREQ.	PCT
LESS THAN 1 YEAR	13	8.2	23	14.6
1 TO 3 YEARS	44	27.8	18	11.4
4 TO 7 YEARS	67	42.4	9	5.7
8 TO 15 YEARS	29	18.4	1	0.6
16 OR MORE YEARS	5	3.2	2	1.3
NONE	0	0.0	46	29.1
INVALID OR NO RESPONSE	0	0.0	59	37.3

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Q4 WHAT IS YOUR PRIMARY ROLE THIS SCHOOL YEAR

	FREQ.	PCT
CLINICIAN/THERAPIST/PATHOLOGIST	123	77.8
SPECIAL CLASS TEACHER -- SPECIFIC SUBJECT(S)	9	5.7
SPECIAL CLASS TEACHER -- ALL SUBJECTS	4	2.5
REGULAR CLASSROOM TEACHER	3	1.9
ITINERANT TEACHER	3	1.9
DIAGNOSTIC/PRESCRIPTIVE TEACHER	2	1.3
RESOURCE ROOM TEACHER	0	0.0
MEDIA SPECIALIST OR LIBRARIAN	0	0.0
ITINERANT RESOURCE PERSON	0	0.0
HOME/HOSPITAL-BOUND TEACHER	0	0.0
OTHER	11	7.0
INVALID OR NO RESPONSE	3	1.9

Q5 HOW MANY HANDICAPPED STUDENTS ARE YOU WORKING WITH AT THE PRESENT TIME

	FREQ.	PCT
40 OR MORE	77	48.7
20 TO 29	28	17.7
10 TO 19	25	15.8
30 TO 39	18	11.4
5 TO 9	8	5.1
4 OR FEWER	2	1.3
INVALID OR NO RESPONSE	0	0.0

Q6 IN YOUR TEACHING, HOW DO YOU PRESENTLY SPEND MOST OF YOUR TIME

	FREQ.	PCT
WITH SMALL GROUPS (2 TO 6 STUDENTS)	73	46.2
WITH INDIVIDUAL STUDENTS	72	45.6
WITH LARGER GROUPS (7 OR MORE STUDENTS)	10	6.3
INVALID OR NO RESPONSE	3	1.9

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Q7 WHICH CHRONOLOGICAL AGE CATEGORY BELOW BEST DESCRIBES YOUR CURRENT STUDENTS

	FREQ.	PCT
ALL AGES	40	25.3
5 TO 8	32	20.3
11 AND YOUNGER	21	13.3
4 AND YOUNGER	14	8.9
18 AND OLDER	12	7.6
12 AND OLDER	12	7.6
9 TO 11	10	6.3
15 TO 17	10	6.3
12 TO 14	5	3.2
INVALID OR NO RESPONSE	2	1.3

Q8 BY WHICH OF THE FOLLOWING ARE YOU EMPLOYED

	FREQ.	PCT
STATE AGENCY OTHER THAN STATE EDUCATION AGENCY	47	29.7
LOCAL PUBLIC SCHOOL DISTRICT	18	11.4
PRIVATE OR NONPUBLIC AGENCY	11	7.0
OTHER AGENCY	82	51.9
INVALID OR NO RESPONSE	0	0.0

Q9 AT WHAT TYPE OF FACILITY DO YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
REGULAR SCHOOL	55	34.8
SPECIAL EDUCATION RESIDENTIAL SCHOOL	48	30.4
DEVELOPMENTAL CENTER	15	9.5
SPECIAL EDUCATION SCHOOL (NONRESIDENTIAL)	12	7.6
CLINIC OR REHABILITATION AGENCY	9	5.7
HOSPITAL	4	2.5
OTHER FACILITY	13	8.2
INVALID OR NO RESPONSE	2	1.3

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Q10 WHAT IS THE TOTAL ENROLLMENT OF THE SCHOOL AT WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
250 TO 499	39	24.7
500 TO 999	28	17.7
LESS THAN 100	24	15.2
100 TO 249	24	15.2
1,000 OR MORE	20	12.7
NOT APPLICABLE	22	13.9
INVALID OR NO RESPONSE	1	0.6

Q11 WHICH BEST DESCRIBES THE TYPE OF COMMUNITY IN WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
TOWN (25,000 OR UNDER)	58	36.7
SMALL CITY (25,000 -- 100,000)	29	18.4
RURAL AREA NEAR A LARGE OR MEDIUM-SIZE CITY	19	12.0
MEDIUM-SIZE CITY (100,000 -- 500,000)	15	9.5
RURAL AREA NOT NEAR A LARGE OR MEDIUM-SIZE CITY	15	9.5
SUBURB OF A LARGE OR MEDIUM-SIZE CITY	14	8.9
LARGE CITY (500,000 OR LARGER)	8	5.1
INVALID OR NO RESPONSE	0	0.0

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SUBSECTION F. ANALYSIS OF ITEMS ON TRAINING FOR THE SUBGROUP OF INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHERS

THE NEXT SIX PAGES CONTAIN THE ANALYSES OF THE ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS FOR THE SUBGROUP OF INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHERS FROM THE RESPONDENT POPULATION ABOVE. (THE TERM "INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHER" IS DEFINED IN THE INTRODUCTION TO SUBSECTION E.) THIS SUBGROUP IS INDICATED IN THE UPPER RIGHT CORNER OF THE PAGE, OPPOSITE THE DESCRIPTION OF THE RESPONDENT POPULATION. BELOW IT APPEARS THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

PRESENTED FOR EACH QUESTION, 1 THROUGH 9, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. ALL PERCENTAGE CALCULATIONS, EXCEPT THOSE FOR QUESTIONS 7 AND 9, ARE BASED ON THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

FOR QUESTIONS 7 AND 9, THE RESPONDENT BASE IS RESTRICTED IN A MANNER THAT IS EVIDENT FROM READING THE QUESTIONS; I.E., THE RESPONSE TO EACH ALTERNATIVE IN QUESTION 7 IS PREDICATED UPON A RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6. THEREFORE, THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 7 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6, RATHER THAN THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

QUESTION 9 IS SIMILARLY CONTINGENT UPON QUESTION 8. THAT IS, A RESPONSE TO A GIVEN ALTERNATIVE FOR QUESTION 9 WAS APPROPRIATE ONLY IF THAT SAME ALTERNATIVE WAS CHOSEN IN QUESTION 8, AND THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 9 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 8.

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Q1 FROM WHICH OF THE FOLLOWING SOURCES DO YOU OBTAIN MOST OF YOUR INFORMATION ABOUT TRAINING OPPORTUNITIES

	FREQ.	PCT
NO SOURCE AVAILABLE	3	1.9
WORD OF MOUTH FROM COLLEAGUES	89	56.3
WORKSHOPS AND CONFERENCES	76	48.1
PROFESSIONAL JOURNALS	74	46.8
SUPERVISOR	55	34.8
COLLEGE BULLETINS AND ANNOUNCEMENTS	34	21.5
REGIONAL (IN-STATE) NEWSLETTERS/ANNOUNCEMENTS	29	18.4
PUBLISHERS' BROCHURES	29	18.4
STATE NEWSLETTERS/ANNOUNCEMENTS	21	13.3
DISTRICT NEWSLETTERS/ANNOUNCEMENTS	17	10.8
REGIONAL (MULTI-STATE) NEWSLETTERS/ANNOUNCEMENTS	11	7.0
NATIONAL NEWSLETTERS/ANNOUNCEMENTS	7	4.4
PUBLIC MEDIA ANNOUNCEMENTS	2	1.3
OTHER	5	3.2

Q2 TO WHAT EXTENT IS EACH OF THE FOLLOWING AN OBSTACLE TO ACQUIRING THE MEDIA AND MATERIALS TRAINING YOU NEED

	GREAT		MODERATE		LITTLE OR NOT AT ALL		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
TOO EXPENSIVE	63	39.9	52	32.9	29	18.4	14	8.9
INCONVENIENT LOCATION OF TRAINING PROGRAMS	49	31.0	58	36.7	34	21.5	17	10.8
INSUFFICIENT RELEASED TIME	48	30.4	40	25.3	59	37.3	11	7.0
LACK OF INFORMATION ABOUT TRAINING OPPORTUNITIES	39	24.7	50	31.6	52	32.9	17	10.8
INCONVENIENT SCHEDULING OF TRAINING PROGRAMS	36	22.8	70	44.3	34	21.5	18	11.4
TRAINING I NEED NOT OFFERED	35	22.2	50	31.6	60	38.0	13	8.2
LACK OF QUALIFIED TRAINERS	18	11.4	46	29.1	71	44.9	23	14.6
NEGATIVE ATTITUDE OF ADMINISTRATORS/OTHER TEACHERS	18	11.4	47	29.7	79	50.0	14	8.9
OTHER	4	2.5	6	3.8	35	22.2	113	71.5

SPRING, 1978 NATIONAL NEEDS ASSESSMENT OF EDUCATIONAL MEDIA AND MATERIALS FOR THE HANDICAPPED

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Q3 HOW ARE YOUR TRAINING NEEDS USUALLY MADE KNOWN TO ADMINISTRATIVE PERSONNEL IN YOUR DISTRICT OR FACILITY

	FREQ.	PCT
REQUEST TO SUPERVISOR	102	64.6
NO REGULAR PROCEDURE TO MAKE TRAINING NEEDS KNOWN	33	20.9
DIRECT REQUEST TO DISTRICT OFFICE	12	7.6
OTHER PROCEDURE	5	3.2
STRUCTURED INTERVIEW/QUESTIONNAIRE	0	0.0
INVALID OR NO RESPONSE	6	3.8

Q4 HAVE PACKAGED TRAINING KITS AND/OR PROGRAMMED MATERIALS PLAYED AN IMPORTANT ROLE IN YOUR TRAINING

	YES		NO		NEVER USED		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
DURING PRESERVICE/IN COLLEGE	42	26.6	60	38.0	52	32.9	4	2.5
DURING INSERVICE	57	36.1	61	38.6	36	22.8	4	2.5
ON YOUR OWN	74	46.8	51	32.3	29	18.4	4	2.5

Q5 HOW VALUABLE WOULD SELF-INSTRUCTIONAL TRAINING KITS BE FOR YOUR TRAINING NEEDS IN EACH OF THE FOLLOWING SKILLS

	OF GREAT VALUE		OF SOME VALUE		OF LITTLE OR NO VALUE		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
DESIGNING MEDIA/MATERIALS	91	57.6	43	27.2	21	13.3	3	1.9
ADAPTING MEDIA/MATERIALS	82	51.9	54	34.2	18	11.4	4	2.5
MATCHING MEDIA/MATERIALS TO LEARNER NEEDS	80	50.6	51	32.3	23	14.6	4	2.5
UTILIZING MEDIA/MATERIALS	60	38.0	73	46.2	20	12.7	5	3.2
SELECTING/EVALUATING MEDIA/MATERIALS	54	34.2	72	45.6	30	19.0	2	1.3
REPAIRING MEDIA AND EQUIPMENT	36	22.8	50	31.6	68	43.0	4	2.5

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Q6 WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
HOW TO SELECT MEDIA AND MATERIALS ACCORDING TO SPECIFIC LEARNING OBJECTIVES FOR	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
LANGUAGE/SPEECH DEVELOPMENT	152	96.2	111	73.0	10	6.6	22	14.5	2	1.3
COGNITIVE DEVELOPMENT	101	63.9	56	55.4	17	16.8	20	19.8	1	1.0
SOCIAL/PERSONAL DEVELOPMENT	58	36.7	22	37.9	6	10.3	22	37.9	4	6.9
PSYCHOMOTOR DEVELOPMENT	42	26.6	21	50.0	9	21.4	8	19.0	3	7.1
ACADEMIC DEVELOPMENT	41	25.9	23	56.1	3	7.3	9	22.0	2	4.9
HOW TO SELECT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	140	88.6	63	45.0	14	10.0	48	34.3	5	3.6
PUPIL INTEREST LEVEL	94	59.5	25	26.6	5	5.3	55	58.5	5	5.3
PUPIL SENSORY INPUT MODE	89	56.3	42	47.2	11	12.4	26	29.2	3	3.4
PUPIL RESPONSE MODE	89	56.3	40	44.9	8	9.0	32	36.0	2	2.2
PUPIL CULTURAL BACKGROUND	37	23.4	6	16.2	2	5.4	20	54.1	7	18.9
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO										
SPECIFIC LEARNING OBJECTIVES	122	77.2	56	45.9	22	18.0	32	26.2	5	4.1
PUPIL FUNCTIONAL LEVEL	121	76.6	59	48.8	13	10.7	39	32.2	3	2.5
PUPIL INTEREST LEVEL	86	54.4	20	23.3	6	7.0	53	61.6	3	3.5
PUPIL RESPONSE MODE	84	53.2	33	39.3	11	13.1	26	31.0	7	8.3
PUPIL SENSORY INPUT MODE	78	49.4	33	42.3	9	11.5	24	30.8	7	9.0
PUPIL CULTURAL BACKGROUND	29	18.4	10	34.5	2	6.9	11	37.9	5	17.2
HOW TO										
EVALUATE EFFECTIVENESS OF MEDIA/MATERIALS	102	64.6	30	29.4	13	12.7	36	35.3	20	19.6
TRAIN PARENTS IN USE OF CHILD INSTR. MTRLS	80	50.6	16	20.0	5	6.3	28	35.0	27	33.8
COORDINATE TWO OR MORE KINDS OF MATERIALS	76	48.1	11	14.5	5	6.6	45	59.2	12	15.8
INTERPRET RESEARCH ON MEDIA/MATERIALS	62	39.2	33	53.2	6	9.7	10	16.1	10	16.1
USE INSTR. MATERIALS/LEARNING RESOURCE CENTER .	54	34.2	9	16.7	21	38.9	20	37.0	1	1.9
PLAN/IMPLEMENT A MULTIMEDIA PRESENTATION	32	20.3	6	18.8	2	6.3	13	40.6	7	21.9
PREPARE MULTIMEDIA KITS	25	15.8	3	12.0	2	8.0	11	44.0	8	32.0
USE A COMPUTER TO MONITOR PUPIL PROGRESS	14	8.9	2	14.3	1	7.1	1	7.1	7	50.0
USE A COMPUTER TO OBTAIN MATERIALS INFO.	13	8.2	3	23.1	1	7.7	0	0.0	8	61.5
USE A COMPUTER TO DIAGNOSE LEARNER NEEDS	12	7.6	2	16.7	3	25.0	0	0.0	5	41.7

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

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Q6 (CONTINUED) WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 (CONTINUED) FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
MATERIALS FOR INDEPENDENT CHILD USE	53	33.5	9	17.0	5	9.4	22	41.5	10	18.9
MEDIA HARDWARE AND EQUIPMENT	51	32.3	15	29.4	7	13.7	18	35.3	7	13.7
PROGRAMMED INSTRUCTIONAL MATERIALS	48	30.4	12	25.0	14	29.2	18	37.5	3	6.3
ADAPTIVE EQUIPMENT	36	22.8	8	22.2	5	13.9	17	47.2	4	11.1
MULTIMEDIA KITS	27	17.1	5	18.5	4	14.8	8	29.6	9	33.3
HOW TO MAKE										
A MASTER FOR REPRODUCTION UNITS	65	41.1	13	20.0	11	16.9	34	52.3	6	9.2
GRAPHICS (E.G., CHARTS, FLASH CARDS)	57	36.1	11	19.3	5	8.8	33	57.9	7	12.3
TACTILE MATERIALS	52	32.9	9	17.3	4	7.7	30	57.7	8	15.4
AUDIO-VISUAL MATERIALS	51	32.3	13	25.5	8	15.7	16	31.4	10	19.6
AUDIO MATERIALS	38	24.1	13	34.2	3	7.9	15	39.5	7	18.4
EXHIBITS	11	7.0	1	9.1	1	9.1	8	72.7	1	9.1
HOW TO OPERATE										
TAPE RECORDER	82	51.9	24	29.3	5	6.1	48	58.5	3	3.7
SPECIALIZED EQUIPMENT (E.G., OPTACON)	76	48.1	22	28.9	17	22.4	18	23.7	18	23.7
VIDEOTAPE EQUIPMENT	39	24.7	9	23.1	11	28.2	5	12.8	11	28.2
FILMSTRIP PROJECTOR	35	22.2	13	37.1	8	22.9	9	25.7	3	8.6
DRY MOUNT PRESS/LAMINATOR	34	21.5	6	17.6	8	23.5	9	26.5	10	29.4
UNIQUE TEACHING MACHINES	34	21.5	3	8.8	8	23.5	10	29.4	9	26.5
FILM PROJECTOR	31	19.6	12	38.7	7	22.6	8	25.8	2	6.5
STILL PHOTOGRAPHIC EQUIPMENT	23	14.6	3	13.0	1	4.3	11	47.8	8	34.8
COMPUTER-BASED INSTRUCTIONAL EQUIPMENT	13	8.2	2	15.4	2	15.4	1	7.7	3	23.1
MOTION PICTURE CAMERA	8	5.1	0	0.0	0	0.0	3	37.5	4	50.0

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

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Q8 FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 8, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

	Q8		PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO SPECIFIC OBJECTIVES FOR	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
LANGUAGE/SPEECH DEVEL.	103	65.2	0	0.0	7	6.8	14	13.6	12	11.7	5	4.9	44	42.7	2	1.9	16	15.5
COGNITIVE DEVELOPMENT	62	39.2	0	0.0	3	4.8	11	17.7	3	4.8	2	3.2	32	51.6	0	0.0	7	11.3
SOCIAL/PERSONAL DEVEL.	28	17.7	1	3.6	1	3.6	4	14.3	7	25.0	0	0.0	8	28.6	0	0.0	5	17.9
PSYCHOMOTOR DEVELOP.	20	12.7	0	0.0	1	5.0	8	40.0	1	5.0	0	0.0	6	30.0	0	0.0	2	10.0
ACADEMIC DEVELOPMENT	15	9.5	4	26.7	1	6.7	1	6.7	0	0.0	1	6.7	5	33.3	1	6.7	1	6.7
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO																		
PUPIL FUNCTIONAL LEVEL	71	44.9	3	4.2	7	9.9	12	16.9	8	11.3	0	0.0	8	11.3	0	0.0	28	39.4
PUPIL INPUT MODE	29	18.4	0	0.0	2	6.9	5	17.2	3	10.3	2	6.9	9	31.0	0	0.0	5	17.2
PUPIL RESPONSE MODE	25	15.8	0	0.0	2	8.0	3	12.0	3	12.0	1	4.0	3	12.0	1	4.0	11	44.0
PUPIL INTEREST LEVEL	20	12.7	1	5.0	2	10.0	2	10.0	3	15.0	0	0.0	0	0.0	1	5.0	11	55.0
PUPIL CULT. BACKGROUND	2	1.3	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO																		
SPECIFIC LRNG OBJCTVS.	64	40.5	3	4.7	10	15.6	8	12.5	9	14.1	2	3.1	14	21.9	4	6.3	12	18.8
PUPIL FUNCTIONAL LEVEL	44	27.8	4	9.1	3	6.8	3	6.8	7	15.9	2	4.5	3	6.8	3	6.8	16	36.4
PUPIL INPUT MODE	29	18.4	0	0.0	3	10.3	2	6.9	4	13.8	1	3.4	6	20.7	1	3.4	8	27.6
PUPIL RESPONSE MODE	22	13.9	0	0.0	1	4.5	3	13.6	3	13.6	1	4.5	3	13.6	1	4.5	8	36.4
PUPIL INTEREST LEVEL	21	13.3	3	14.3	1	4.8	1	4.8	2	9.5	1	4.8	0	0.0	3	14.3	8	38.1
PUPIL CULT. BACKGROUND	5	3.2	2	40.0	2	40.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
HOW TO																		
EVAL. MEDIA/MATERIALS	42	26.6	3	7.1	6	14.3	3	7.1	12	28.6	0	0.0	4	9.5	1	2.4	11	26.2
TRAIN PARENTS IN MTRLS	39	24.7	1	2.6	7	17.9	3	7.7	6	15.4	0	0.0	5	12.8	4	10.3	11	28.2
INTERPRET M/M RESEARCH	24	15.2	0	0.0	1	4.2	2	8.3	6	25.0	1	4.2	10	41.7	0	0.0	3	12.5
COORD. TWO/MORE MTRLS	20	12.7	5	25.0	3	15.0	3	15.0	4	20.0	1	5.0	0	0.0	2	10.0	1	5.0
USE LRNG RESOURCE CTR	17	10.8	3	17.6	1	5.9	1	5.9	4	23.5	0	0.0	4	23.5	1	5.9	2	11.8
PREPARE MULTIMEDIA KITS	14	8.9	0	0.0	1	7.1	3	21.4	6	42.9	0	0.0	2	14.3	1	7.1	0	0.0
PLAN MULTIMEDIA PRES.	11	7.0	0	0.0	1	9.1	2	18.2	2	18.2	2	18.2	0	0.0	0	0.0	2	18.2
USE COMPUTER TO DIAG.	9	5.7	0	0.0	0	0.0	1	11.1	1	11.1	0	0.0	2	22.2	3	33.3	2	22.2
USE COMPUTER FOR INFO	7	4.4	0	0.0	0	0.0	0	0.0	2	28.6	0	0.0	2	28.6	2	28.6	1	14.3
USE COMPUTER TO MONITOR	7	4.4	0	0.0	0	0.0	2	28.6	0	0.0	0	0.0	3	42.9	1	14.3	1	14.3

TEACHERS OF
SPEECH IMPAIRED
LANGUAGE IMPAIRED

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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q8 (CONTINUED) FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 (CONTINUED) FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 8, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

	Q8		PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES																		
INDEP. CHILD USE MTRLS	17	10.8	1	5.9	1	5.9	1	5.9	4	23.5	0	0.0	0	0.0	7	41.2	2	11.8
PROGRAMMED MATERIALS	13	8.2	1	7.7	1	7.7	2	15.4	0	0.0	0	0.0	2	15.4	6	46.2	1	7.7
ADAPTIVE EQUIPMENT	12	7.6	1	8.3	1	8.3	3	25.0	3	25.0	0	0.0	0	0.0	3	25.0	1	8.3
MULTIMEDIA KITS	8	5.1	1	12.5	0	0.0	1	12.5	1	12.5	0	0.0	2	25.0	3	37.5	0	0.0
MEDIA HARDWARE/EQUIP.	6	3.8	2	33.3	1	16.7	0	0.0	1	16.7	0	0.0	0	0.0	1	16.7	1	16.7
HOW TO MAKE																		
AUDIO-VISUAL MATERIALS	12	7.6	1	8.3	0	0.0	1	8.3	3	25.0	0	0.0	3	25.0	2	16.7	2	16.7
TACTILE MATERIALS	11	7.0	1	9.1	0	0.0	2	18.2	1	9.1	1	9.1	1	9.1	2	18.2	3	27.3
GRAPHICS (E.G., CHARTS)	10	6.3	0	0.0	1	10.0	0	0.0	1	10.0	0	0.0	2	20.0	2	20.0	4	40.0
AUDIO MATERIALS	6	3.8	0	0.0	0	0.0	1	16.7	0	0.0	0	0.0	1	16.7	2	33.3	2	33.3
REPRODUCTION MASTERS	3	1.9	1	33.3	0	0.0	0	0.0	0	0.0	0	0.0	1	33.3	0	0.0	1	33.3
EXHIBITS	1	0.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0
HOW TO OPERATE																		
SPECIALIZED EQUIPMENT	21	13.3	2	9.5	1	4.8	2	9.5	2	9.5	0	0.0	1	4.8	9	42.9	4	19.0
UNIQUE TCHNG MACHINES	10	6.3	0	0.0	1	10.0	1	10.0	1	10.0	0	0.0	1	10.0	4	40.0	0	0.0
VIDEOTAPE EQUIPMENT	9	5.7	1	11.1	1	11.1	0	0.0	0	0.0	0	0.0	1	11.1	4	44.4	2	22.2
COMPUTER-BASED EQUIP.	9	5.7	0	0.0	0	0.0	3	33.3	0	0.0	0	0.0	1	11.1	3	33.3	1	11.1
DRY MOUNT/LAMINATOR	8	5.1	4	50.0	0	0.0	1	12.5	0	0.0	0	0.0	1	12.5	2	25.0	0	0.0
STILL PHOTOG. EQUIP.	5	3.2	0	0.0	0	0.0	1	20.0	0	0.0	0	0.0	1	20.0	1	20.0	1	20.0
FILMSTRIP PROJECTOR	4	2.5	1	25.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	25.0	2	50.0
TAPE RECORDER	3	1.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	33.3	2	66.7
FILM PROJECTOR	2	1.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0
MOTION PICTURE CAMERA	2	1.3	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	1	50.0	0	0.0

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SECTION III. TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

RESPONDENT POPULATION 5: TEACHERS OF THE PHYSICALLY/ORTHOPEDICALLY HANDICAPPED

SUBSECTION A. DEMOGRAPHIC DESCRIPTION OF THE RESPONDENT POPULATION

ON THE FOLLOWING FOUR PAGES IS A DEMOGRAPHIC DESCRIPTION OF THE RESPONDENT POPULATION ABOVE. PRESENTED FOR EACH QUESTION, 2 THROUGH 11, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. (NOTE: QUESTION 1 CONSISTED OF A ZIP CODE IDENTIFIER WHICH WAS USED ONLY TO CLASSIFY RESPONDENTS BY STATE.)

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q2 WHAT IS YOUR HIGHEST LEVEL OF FORMAL EDUCATION IN EACH OF THE THREE CATEGORIES BELOW

	IN CURRENT TEACHING SPECIALTY		IN OTHER EDUCATION-RELATED SPECIALTY		IN OTHER FIELD	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
SOME COLLEGE COURSES	14	5.4	29	11.2	48	18.5
BACHELOR'S DEGREE	53	20.5	48	18.5	41	15.8
WORK BEYOND THE B.A.	82	31.7	61	23.6	26	10.0
MASTER'S DEGREE	32	12.4	28	10.8	5	1.9
WORK BEYOND THE M.A.	48	18.5	18	6.9	4	1.5
PH.D., ED.D.	0	0.0	0	0.0	0	0.0
NONE	5	1.9	15	5.8	40	15.4
INVALID OR NO RESPONSE	25	9.7	60	23.2	95	36.7

Q3 WHAT IS THE EXTENT OF YOUR PROFESSIONAL EXPERIENCE IN EACH OF THE TWO CATEGORIES BELOW

	TEACHING THE HANDICAPPED		OTHER TEACHING	
	FREQ.	PCT	FREQ.	PCT
LESS THAN 1 YEAR	20	7.7	36	13.9
1 TO 3 YEARS	58	22.4	67	25.9
4 TO 7 YEARS	81	31.3	22	8.5
8 TO 15 YEARS	64	24.7	14	5.4
16 OR MORE YEARS	27	10.4	13	5.0
NONE	1	0.4	37	14.3
INVALID OR NO RESPONSE	8	3.1	70	27.0

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q4 WHAT IS YOUR PRIMARY ROLE THIS SCHOOL YEAR

	FREQ.	PCT
SPECIAL CLASS TEACHER -- ALL SUBJECTS	127	49.0
SPECIAL CLASS TEACHER -- SPECIFIC SUBJECT(S)	26	10.0
CLINICIAN/THERAPIST/PATHOLOGIST	26	10.0
RESOURCE ROOM TEACHER	16	6.2
HOME/HOSPITAL-BOUND TEACHER	16	6.2
ITINERANT TEACHER	8	3.1
DIAGNOSTIC/PRESCRIPTIVE TEACHER	7	2.7
REGULAR CLASSROOM TEACHER	6	2.3
ITINERANT RESOURCE PERSON	4	1.5
MEDIA SPECIALIST OR LIBRARIAN	1	0.4
OTHER	9	3.5
INVALID OR NO RESPONSE	13	5.0

Q5 HOW MANY HANDICAPPED STUDENTS ARE YOU WORKING WITH AT THE PRESENT TIME

	FREQ.	PCT
5 TO 9	87	33.6
10 TO 19	82	31.7
40 OR MORE	35	13.5
20 TO 29	22	8.5
4 OR FEWER	14	5.4
30 TO 39	11	4.2
INVALID OR NO RESPONSE	8	3.1

Q6 IN YOUR TEACHING, HOW DO YOU PRESENTLY SPEND MOST OF YOUR TIME

	FREQ.	PCT
WITH INDIVIDUAL STUDENTS	123	47.5
WITH SMALL GROUPS (2 TO 6 STUDENTS)	98	37.8
WITH LARGER GROUPS (7 OR MORE STUDENTS)	28	10.8
INVALID OR NO RESPONSE	10	3.9

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q7 WHICH CHRONOLOGICAL AGE CATEGORY BELOW BEST DESCRIBES YOUR CURRENT STUDENTS

	FREQ.	PCT
ALL AGES	62	23.9
5 TO 8	39	15.1
9 TO 11	30	11.6
11 AND YOUNGER	28	10.8
12 AND OLDER	28	10.8
12 TO 14	21	8.1
4 AND YOUNGER	16	6.2
15 TO 17	14	5.4
18 AND OLDER	11	4.2
INVALID OR NO RESPONSE	10	3.9

Q8 BY WHICH OF THE FOLLOWING ARE YOU EMPLOYED

	FREQ.	PCT
LOCAL PUBLIC SCHOOL DISTRICT	192	74.1
STATE AGENCY OTHER THAN STATE EDUCATION AGENCY	27	10.4
PRIVATE OR NONPUBLIC AGENCY	6	2.3
OTHER AGENCY	24	9.3
INVALID OR NO RESPONSE	10	3.9

Q9 AT WHAT TYPE OF FACILITY DO YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
REGULAR SCHOOL	102	39.4
SPECIAL EDUCATION SCHOOL (NONRESIDENTIAL)	89	34.4
SPECIAL EDUCATION RESIDENTIAL SCHOOL	24	9.3
DEVELOPMENTAL CENTER	7	2.7
HOSPITAL	7	2.7
CLINIC OR REHABILITATION AGENCY	4	1.5
OTHER FACILITY	17	6.6
INVALID OR NO RESPONSE	9	3.5

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q10 WHAT IS THE TOTAL ENROLLMENT OF THE SCHOOL AT WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
100 TO 249	64	24.7
LESS THAN 100	56	21.6
250 TO 499	44	17.0
500 TO 999	34	13.1
1,000 OR MORE	31	12.0
NOT APPLICABLE	19	7.3
INVALID OR NO RESPONSE	11	4.2

Q11 WHICH BEST DESCRIBES THE TYPE OF COMMUNITY IN WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
MEDIUM-SIZE CITY (100,000 -- 500,000)	57	22.0
SMALL CITY (25,000 -- 100,000)	55	21.2
TOWN (25,000 OR UNDER)	41	15.8
LARGE CITY (500,000 OR LARGER)	39	15.1
SUBURB OF A LARGE OR MEDIUM-SIZE CITY	31	12.0
RURAL AREA NEAR A LARGE OR MEDIUM-SIZE CITY	20	7.7
RURAL AREA NOT NEAR A LARGE OR MEDIUM-SIZE CITY	8	3.1
INVALID OR NO RESPONSE	8	3.1

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SECTION III. TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

RESPONDENT POPULATION 5: TEACHERS OF THE PHYSICALLY/ORTHOPEDICALLY HANDICAPPED

SUBSECTION B. ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

THE NEXT SIX PAGES CONTAIN THE ANALYSES OF THE ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS FOR THE RESPONDENT POPULATION ABOVE. PRESENTED FOR EACH QUESTION, 1 THROUGH 9, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. ALL PERCENTAGE CALCULATIONS, EXCEPT THOSE FOR QUESTIONS 7 AND 9, ARE BASED ON THE RESPONDENT POPULATION FREQUENCY IN THE UPPER RIGHT CORNER OF THE PAGE.

FOR QUESTIONS 7 AND 9, THE RESPONDENT BASE IS RESTRICTED IN A MANNER THAT IS EVIDENT FROM READING THE QUESTIONS; I.E., THE RESPONSE TO EACH ALTERNATIVE IN QUESTION 7 IS PREDICATED UPON A RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6. THEREFORE, THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 7 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6, RATHER THAN THE RESPONDENT POPULATION FREQUENCY.

QUESTION 9 IS SIMILARLY CONTINGENT UPON QUESTION 8. THAT IS, A RESPONSE TO A GIVEN ALTERNATIVE FOR QUESTION 9 WAS APPROPRIATE ONLY IF THAT SAME ALTERNATIVE WAS CHOSEN IN QUESTION 8, AND THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 9 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 8.

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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q1 FROM WHICH OF THE FOLLOWING SOURCES DO YOU OBTAIN MOST OF YOUR INFORMATION ABOUT TRAINING OPPORTUNITIES

	FREQ.	PCT
NO SOURCE AVAILABLE	3	1.2
WORKSHOPS AND CONFERENCES	148	57.1
WORD OF MOUTH FROM COLLEAGUES	113	43.6
SUPERVISOR	91	35.1
DISTRICT NEWSLETTERS/ANNOUNCEMENTS	81	31.3
COLLEGE BULLETINS AND ANNOUNCEMENTS	67	25.9
PROFESSIONAL JOURNALS	64	24.7
REGIONAL (IN-STATE) NEWSLETTERS/ANNOUNCEMENTS	52	20.1
STATE NEWSLETTERS/ANNOUNCEMENTS	37	14.3
PUBLISHERS' BROCHURES	28	10.8
NATIONAL NEWSLETTERS/ANNOUNCEMENTS	18	6.9
REGIONAL (MULTI-STATE) NEWSLETTERS/ANNOUNCEMENTS	16	6.2
PUBLIC MEDIA ANNOUNCEMENTS	12	4.6
OTHER	12	4.6

Q2 TO WHAT EXTENT IS EACH OF THE FOLLOWING AN OBSTACLE TO ACQUIRING THE MEDIA AND MATERIALS TRAINING YOU NEED

	GREAT		MODERATE		LITTLE OR NOT AT ALL		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
INSUFFICIENT RELEASED TIME	101	39.0	64	24.7	63	24.3	31	12.0
TOO EXPENSIVE	91	35.1	73	28.2	56	21.6	39	15.1
INCONVENIENT LOCATION OF TRAINING PROGRAMS	84	32.4	81	31.3	58	22.4	36	13.9
INCONVENIENT SCHEDULING OF TRAINING PROGRAMS	70	27.0	97	37.5	58	22.4	34	13.1
LACK OF INFORMATION ABOUT TRAINING OPPORTUNITIES	55	21.2	85	32.8	86	33.2	33	12.7
TRAINING I NEED NOT OFFERED	49	18.9	78	30.1	91	35.1	41	15.8
NEGATIVE ATTITUDE OF ADMINISTRATORS/OTHER TEACHERS	41	15.8	52	20.1	118	45.6	48	18.5
LACK OF QUALIFIED TRAINERS	34	13.1	67	25.9	107	41.3	51	19.7
OTHER	12	4.6	10	3.9	41	15.8	196	75.7

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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q3 HOW ARE YOUR TRAINING NEEDS USUALLY MADE KNOWN TO ADMINISTRATIVE PERSONNEL IN YOUR DISTRICT OR FACILITY

	FREQ.	PCT
REQUEST TO SUPERVISOR	121	46.7
NO REGULAR PROCEDURE TO MAKE TRAINING NEEDS KNOWN	88	34.0
DIRECT REQUEST TO DISTRICT OFFICE	25	9.7
OTHER PROCEDURE	5	1.9
STRUCTURED INTERVIEW/QUESTIONNAIRE	4	1.5
INVALID OR NO RESPONSE	16	6.2

Q4 HAVE PACKAGED TRAINING KITS AND/OR PROGRAMMED MATERIALS PLAYED AN IMPORTANT ROLE IN YOUR TRAINING

	YES		NO		NEVER USED		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
DURING PRESERVICE/IN COLLEGE	70	27.0	77	29.7	95	36.7	17	6.6
DURING INSERVICE	73	28.2	83	32.0	88	34.0	15	5.8
ON YOUR OWN	93	35.9	70	27.0	74	29.6	22	8.5

Q5 HOW VALUABLE WOULD SELF-INSTRUCTIONAL TRAINING KITS BE FOR YOUR TRAINING NEEDS IN EACH OF THE FOLLOWING SKILLS

	OF GREAT VALUE		OF SOME VALUE		OF LITTLE OR NO VALUE		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
MATCHING MEDIA/MATERIALS TO LEARNER NEEDS	133	51.4	90	34.7	25	9.7	11	4.2
ADAPTING MEDIA/MATERIALS	129	49.8	99	38.2	21	8.1	10	3.9
DESIGNING MEDIA/MATERIALS	117	45.2	101	39.0	31	12.0	10	3.9
UTILIZING MEDIA/MATERIALS	97	37.5	123	47.5	26	10.0	13	5.0
SELECTING/EVALUATING MEDIA/MATERIALS	91	35.1	118	45.6	39	15.1	11	4.2
REPAIRING MEDIA AND EQUIPMENT	59	22.8	108	41.7	77	29.7	15	5.8

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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q6 WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
HOW TO SELECT MEDIA AND MATERIALS ACCORDING TO SPECIFIC LEARNING OBJECTIVES FOR	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
SOCIAL/PERSONAL DEVELOPMENT	173	66.8	66	38.2	20	11.6	66	38.2	6	3.5
COGNITIVE DEVELOPMENT	172	66.4	95	55.2	21	12.2	35	20.3	3	1.7
ACADEMIC DEVELOPMENT	164	63.3	105	64.0	15	9.1	28	17.1	0	0.0
PSYCHOMOTOR DEVELOPMENT	154	59.5	73	47.4	28	18.2	27	17.5	13	8.4
LANGUAGE/SPEECH DEVELOPMENT	148	57.1	70	47.3	19	12.8	42	28.4	8	5.4
HOW TO SELECT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	223	86.1	79	35.4	39	17.5	79	35.4	6	2.7
PUPIL INTEREST LEVEL	177	68.3	41	23.2	22	12.4	88	49.7	6	3.4
PUPIL RESPONSE MODE	148	57.1	50	33.8	17	11.5	58	39.2	7	4.7
PUPIL SENSORY INPUT MODE	131	50.6	53	40.5	22	16.8	39	29.8	7	5.3
PUPIL CULTURAL BACKGROUND	63	24.3	14	22.2	7	11.1	35	55.6	4	6.3
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	203	78.4	65	32.0	31	15.3	81	39.9	8	3.9
SPECIFIC LEARNING OBJECTIVES	186	71.8	79	42.5	41	22.0	42	22.6	9	4.8
PUPIL INTEREST LEVEL	155	59.8	31	20.0	18	11.6	85	54.8	11	7.1
PUPIL RESPONSE MODE	141	54.4	42	29.8	17	12.1	58	41.1	11	7.8
PUPIL SENSORY INPUT MODE	124	47.9	41	33.1	12	9.7	49	39.5	12	9.7
PUPIL CULTURAL BACKGROUND	54	20.8	6	11.1	4	7.4	36	66.7	4	7.4
HOW TO										
EVALUATE EFFECTIVENESS OF MEDIA/MATERIALS	169	65.3	44	26.0	32	18.9	63	37.3	16	9.5
COORDINATE TWO OR MORE KINDS OF MATERIALS	126	48.6	25	19.8	15	11.9	65	51.6	10	7.9
TRAIN PARENTS IN USE OF CHILD INSTR. MTRLS	101	39.0	12	11.9	14	13.9	31	30.7	32	31.7
USE INSTR. MATERIALS/LEARNING RESOURCE CENTER	97	37.5	35	36.1	23	23.7	25	25.8	6	6.2
INTERPRET RESEARCH ON MEDIA/MATERIALS	67	25.9	32	47.8	4	6.0	18	26.9	7	10.4
PREPARE MULTIMEDIA KITS	60	23.2	15	25.0	5	8.3	19	31.7	18	30.0
PLAN/IMPLEMENT A MULTIMEDIA PRESENTATION	60	23.2	14	23.3	9	15.0	20	33.3	14	23.3
USE A COMPUTER TO DIAGNOSE LEARNER NEEDS	35	13.5	1	2.9	5	14.3	2	5.7	24	68.6
USE A COMPUTER TO OBTAIN MATERIALS INFO.	24	9.3	2	8.3	5	20.8	2	8.3	15	62.5
USE A COMPUTER TO MONITOR PUPIL PROGRESS	23	8.9	1	4.3	4	17.4	1	4.3	15	65.2

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

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Q6 (CONTINUED) WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 (CONTINUED) FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
ADAPTIVE EQUIPMENT	146	56.4	16	11.0	37	25.3	66	45.2	11	7.5
MATERIALS FOR INDEPENDENT CHILD USE	142	54.8	21	14.8	30	[illegible]1.1	61	43.0	13	9.2
MEDIA HARDWARE AND EQUIPMENT	102	39.4	26	25.5	24	23.5	37	36.3	7	6.9
PROGRAMMED INSTRUCTIONAL MATERIALS	86	33.2	22	25.6	27	31.4	21	24.4	8	9.3
MULTIMEDIA KITS	64	24.7	11	17.2	23	35.9	13	20.3	12	18.8
HOW TO MAKE										
TACTILE MATERIALS	131	50.6	36	27.5	13	9.9	58	44.3	11	8.4
A MASTER FOR REPRODUCTION UNITS	109	42.1	36	33.0	16	14.7	43	39.4	6	5.5
AUDIO-VISUAL MATERIALS	102	39.4	42	41.2	12	11.8	28	27.5	8	7.8
GRAPHICS (E.G., CHARTS, FLASH CARDS)	92	35.5	33	35.9	8	8.7	47	51.1	0	0.0
AUDIO MATERIALS	66	25.5	21	31.8	5	7.6	26	39.4	9	13.6
EXHIBITS	42	16.2	14	33.3	2	4.8	17	40.5	4	9.5
HOW TO OPERATE										
TAPE RECORDER	129	49.8	34	26.4	8	6.2	77	59.7	1	0.8
FILMSTRIP PROJECTOR	119	45.9	52	43.7	13	10.9	47	39.5	2	1.7
FILM PROJECTOR	112	43.2	54	48.2	15	13.4	34	30.4	3	2.7
UNIQUE TEACHING MACHINES	70	27.0	0	0.0	22	31.4	23	32.9	20	28.6
DRY MOUNT PRESS/LAMINATOR	64	24.7	18	28.1	13	20.3	17	26.6	13	20.3
VIDEOTAPE EQUIPMENT	60	23.2	8	13.3	17	28.3	12	20.0	19	31.7
SPECIALIZED EQUIPMENT (E.G., OPTACON)	47	18.1	4	8.5	15	31.9	9	19.1	16	34.0
COMPUTER-BASED INSTRUCTIONAL EQUIPMENT	31	12.0	1	3.2	8	25.8	1	3.2	18	58.1
STILL PHOTOGRAPHIC EQUIPMENT	28	10.8	3	10.7	2	7.1	16	57.1	4	14.3
MOTION PICTURE CAMERA	2[illegible]	9.3	4	16.7	1	4.2	8	33.3	7	29.2

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

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Q8 FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 8, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

	Q8		PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO SPECIFIC OBJECTIVES FOR	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
ACADEMIC DEVELOPMENT	75	29.0	9	12.0	3	4.0	7	9.3	7	9.3	1	1.3	26	34.7	6	8.0	12	16.0
SOCIAL/PERSONAL DEVEL.	74	28.6	1	1.4	4	5.4	10	13.5	6	8.1	2	2.7	15	20.3	3	4.1	28	37.8
PSYCHOMOTOR DEVELOP.	73	28.2	4	5.5	3	4.1	13	17.8	10	13.7	1	1.4	24	32.9	1	1.4	12	16.4
LANGUAGE/SPEECH DEVEL.	72	27.8	7	9.7	7	9.7	10	13.9	12	16.7	1	1.4	23	31.9	4	5.6	7	9.7
COGNITIVE DEVELOPMENT	67	25.9	4	6.0	0	0.0	4	6.0	8	11.9	3	4.5	29	43.3	3	4.5	11	16.4
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO																		
PUPIL FUNCTIONAL LEVEL	83	32.0	11	13.3	4	4.8	6	7.2	9	10.8	1	1.2	19	22.9	3	3.6	29	34.9
PUPIL INTEREST LEVEL	43	16.6	2	4.7	3	7.0	4	9.3	4	9.3	1	2.3	4	9.3	3	7.0	20	46.5
PUPIL INPUT MODE	38	14.7	3	7.9	0	0.0	4	10.5	2	5.3	0	0.0	13	34.2	1	2.6	13	34.2
PUPIL RESPONSE MODE	38	14.7	3	7.9	0	0.0	5	13.2	8	21.1	0	0.0	8	21.1	0	0.0	11	28.9
PUPIL CULT. BACKGROUND	9	3.5	1	11.1	1	11.1	1	11.1	1	11.1	0	0.0	1	11.1	0	0.0	3	33.3
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO																		
SPECIFIC LRNG OBJCTVS.	76	29.3	6	7.9	13	17.1	7	9.2	14	18.4	3	3.9	11	14.5	3	3.9	17	22.4
PUPIL FUNCTIONAL LEVEL	75	29.0	10	13.3	6	8.0	10	13.3	7	9.3	3	4.0	13	17.3	2	2.7	19	25.3
PUPIL INTEREST LEVEL	42	16.2	3	7.1	4	9.5	4	9.5	4	9.5	2	4.8	2	4.8	4	9.5	17	40.5
PUPIL RESPONSE MODE	42	16.2	1	2.4	1	2.4	9	21.4	5	11.9	1	2.4	8	19.0	1	2.4	13	31.0
PUPIL INPUT MODE	35	13.5	1	2.9	1	2.9	5	14.3	4	11.4	1	2.9	9	25.7	2	5.7	9	25.7
PUPIL CULT. BACKGROUND	6	2.3	0	0.0	1	16.7	0	0.0	2	33.3	0	0.0	1	16.7	0	0.0	2	33.3
HOW TO																		
EVAL. MEDIA/MATERIALS	70	27.0	3	4.3	4	5.7	7	10.0	11	15.7	3	4.3	10	14.3	8	11.4	22	31.4
TRAIN PARENTS IN MTRLS	51	19.7	1	2.0	6	11.8	9	17.6	10	19.6	4	7.8	9	17.6	2	3.9	6	11.8
COORD. TWO/MORE MTRLS	30	11.6	2	6.7	2	6.7	2	6.7	7	23.3	1	3.3	2	6.7	4	13.3	8	26.7
USE COMPUTER TO DIAG.	27	10.4	1	3.7	0	0.0	5	18.5	5	18.5	1	3.7	9	33.3	5	18.5	1	3.7
USE LRNG RESOURCE CTR	25	9.7	5	20.0	5	20.0	4	16.0	2	8.0	1	4.0	1	4.0	1	4.0	5	20.0
PREPARE MULTIMEDIA KITS	19	7.3	1	5.3	7	36.8	1	5.3	2	10.5	2	10.5	2	10.5	1	5.3	1	5.3
INTERPRET M/M RESEARCH	16	6.2	0	0.0	2	12.5	2	12.5	2	12.5	1	6.3	7	43.8	0	0.0	2	12.5
PLAN MULTIMEDIA PRES.	16	6.2	0	0.0	2	12.5	4	25.0	3	18.8	0	0.0	2	12.5	3	18.8	1	6.3
USE COMPUTER TO MONITOR	13	5.0	1	7.7	0	0.0	1	7.7	2	15.4	0	0.0	5	38.5	2	15.4	2	15.4
USE COMPUTER FOR INFO	12	4.6	0	0.0	1	8.3	1	8.3	2	16.7	2	16.7	3	25.0	1	8.3	1	8.3

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Q8 (CONTINUED) FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 (CONTINUED) FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 8, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

			PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
ADAPTIVE EQUIPMENT	51	19.7	2	3.9	2	3.9	14	27.5	6	11.8	2	3.9	4	7.8	9	17.6	9	17.6
INDEP. CHILD USE MTRLS	49	18.9	2	4.1	2	4.1	7	14.3	5	10.2	1	2.0	7	14.3	9	18.4	13	26.5
PROGRAMMED MATERIALS	25	9.7	0	0.0	1	4.0	2	8.0	4	16.0	0	0.0	4	16.0	10	40.0	4	16.0
MEDIA HARDWARE/EQUIP.	23	8.9	0	0.0	2	8.7	3	13.0	2	8.7	0	0.0	2	8.7	8	34.8	5	21.7
MULTIMEDIA KITS	14	5.4	1	7.1	2	14.3	2	14.3	0	0.0	1	7.1	1	7.1	4	28.6	2	14.3
HOW TO MAKE																		
AUDIO-VISUAL MATERIALS	23	8.9	2	8.7	0	0.0	2	8.7	2	8.7	0	0.0	8	34.8	5	21.7	2	8.7
TACTILE MATERIALS	18	6.9	2	11.1	0	0.0	2	11.1	1	5.6	1	5.6	2	11.1	5	27.8	2	11.1
REPRODUCTION MASTERS	10	3.9	1	10.0	1	10.0	1	10.0	0	0.0	0	0.0	0	0.0	2	20.0	4	40.0
GRAPHICS (E.G., CHARTS)	9	3.5	1	11.1	1	11.1	2	22.2	0	0.0	0	0.0	1	11.1	1	11.1	3	33.3
AUDIO MATERIALS	5	1.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	20.0	4	80.0	0	0.0
EXHIBITS	5	1.9	0	0.0	0	0.0	2	40.0	0	0.0	1	20.0	1	20.0	0	0.0	0	0.0
HOW TO OPERATE																		
UNIQUE TCHNG MACHINES	21	8.1	0	0.0	0	0.0	2	9.5	4	19.0	0	0.0	3	14.3	10	47.6	1	4.8
VIDEOTAPE EQUIPMENT	15	5.8	4	26.7	1	6.7	1	6.7	1	6.7	0	0.0	1	6.7	3	20.0	3	20.0
COMPUTER-BASED EQUIP.	11	4.2	0	0.0	0	0.0	1	9.1	1	9.1	0	0.0	1	9.1	5	45.5	2	18.2
SPECIALIZED EQUIPMENT	9	3.5	0	0.0	0	0.0	0	0.0	1	11.1	0	0.0	3	33.3	4	44.4	0	0.0
DRY MOUNT/LAMINATOR	7	2.7	2	28.6	0	0.0	2	28.6	0	0.0	0	0.0	0	0.0	1	14.3	2	28.6
TAPE RECORDER	3	1.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	33.3	0	0.0
FILMSTRIP PROJECTOR	3	1.2	0	0.0	0	0.0	1	33.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
FILM PROJECTOR	3	1.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	66.7	1	33.3
STILL PHOTOG. EQUIP.	3	1.2	0	0.0	0	0.0	1	33.3	0	0.0	0	0.0	1	33.3	1	33.3	0	0.0
MOTION PICTURE CAMERA	1	0.4	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

USERS' GUIDE TO NNA ANALYSIS

SECTION III. TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

RESPONDENT POPULATION 5: TEACHERS OF THE PHYSICALLY/ORTHOPEDICALLY HANDICAPPED

SUBSECTION C. DEMOGRAPHIC DESCRIPTION OF THE SUBGROUP OF PUBLIC SCHOOL TEACHERS

ON THE FOLLOWING FOUR PAGES IS A DEMOGRAPHIC DESCRIPTION OF THE SUBGROUP OF PUBLIC SCHOOL TEACHERS FROM THE RESPONDENT POPULATION ABOVE. FOR PURPOSES OF THE ANALYSES IN THIS AND THE NEXT SUBSECTION (D), "PUBLIC SCHOOL TEACHER" IS DEFINED AS A RESPONDENT WHO INDICATED IN THE DEMOGRAPHIC SECTION (PAGE 11) OF THE QUESTIONNAIRE THAT HE IS EMPLOYED BY EITHER THE LOCAL PUBLIC SCHOOL DISTRICT OR A STATE AGENCY OTHER THAN THE STATE EDUCATION AGENCY (QUESTION 8) AND THAT HE WORKS PRIMARILY AT EITHER A REGULAR SCHOOL OR A NONRESIDENTIAL SPECIAL EDUCATION SCHOOL (QUESTION 9).

THE SUBGROUP IDENTIFICATION APPEARS IN THE UPPER RIGHT CORNER OF THE PAGE, OPPOSITE THE RESPONDENT POPULATION DESCRIPTION. BELOW IT APPEARS THE NUMBER OF RESPONDENTS IN THIS SUBGROUP. PRESENTED FOR EACH QUESTION, 2 THROUGH 11, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. ALL PERCENTAGE CALCULATIONS ARE BASED ON THE NUMBER OF RESPONDENTS IN THE SUBGROUP. (NOTE: QUESTION 1 CONSISTED OF A ZIP CODE IDENTIFIER WHICH WAS USED ONLY TO CLASSIFY RESPONDENTS BY STATE.)

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q2 WHAT IS YOUR HIGHEST LEVEL OF FORMAL EDUCATION IN EACH OF THE THREE CATEGORIES BELOW

	IN CURRENT TEACHING SPECIALTY		IN OTHER EDUCATION-RELATED SPECIALTY		IN OTHER FIELD	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
SOME COLLEGE COURSES	6	3.5	21	12.4	32	18.8
BACHELOR'S DEGREE	36	21.2	38	22.4	28	16.5
WORK BEYOND THE B.A.	59	34.7	43	25.3	19	11.2
MASTER'S DEGREE	23	13.5	19	11.2	3	1.8
WORK BEYOND THE M.A.	30	17.6	9	5.3	2	1.2
PH.D., ED.D.	0	0.0	0	0.0	0	0.0
NONE	2	1.2	9	5.3	31	18.2
INVALID OR NO RESPONSE	14	8.2	31	18.2	55	32.4

Q3 WHAT IS THE EXTENT OF YOUR PROFESSIONAL EXPERIENCE IN EACH OF THE TWO CATEGORIES BELOW

	TEACHING THE HANDICAPPED		OTHER TEACHING	
	FREQ.	PCT	FREQ.	PCT
LESS THAN 1 YEAR	15	8.8	32	18.8
1 TO 3 YEARS	38	22.4	53	31.2
4 TO 7 YEARS	58	34.1	12	7.1
8 TO 15 YEARS	41	24.1	8	4.7
16 OR MORE YEARS	16	9.4	5	2.9
NONE	1	0.6	20	11.8
INVALID OR NO RESPONSE	1	0.6	40	23.5

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q4 WHAT IS YOUR PRIMARY ROLE THIS SCHOOL YEAR

	FREQ.	PCT
SPECIAL CLASS TEACHER -- ALL SUBJECTS	101	59.4
SPECIAL CLASS TEACHER -- SPECIFIC SUBJECT(S)	19	11.2
CLINICIAN/THERAPIST/PATHOLOGIST	16	9.4
RESOURCE ROOM TEACHER	12	7.1
ITINERANT RESOURCE PERSON	4	2.4
HOME/HOSPITAL-BOUND TEACHER	4	2.4
REGULAR CLASSROOM TEACHER	3	1.8
ITINERANT TEACHER	3	1.8
DIAGNOSTIC/PRESCRIPTIVE TEACHER	3	1.8
MEDIA SPECIALIST OR LIBRARIAN	1	0.6
OTHER	3	1.8
INVALID OR NO RESPONSE	1	0.6

Q5 HOW MANY HANDICAPPED STUDENTS ARE YOU WORKING WITH AT THE PRESENT TIME

	FREQ.	PCT
5 TO 9	58	34.1
10 TO 19	58	34.1
40 OR MORE	23	13.5
20 TO 29	14	8.2
4 OR FEWER	11	6.5
30 TO 39	6	3.5
INVALID OR NO RESPONSE	0	0.0

Q6 IN YOUR TEACHING, HOW DO YOU PRESENTLY SPEND MOST OF YOUR TIME

	FREQ.	PCT
WITH INDIVIDUAL STUDENTS	75	44.1
WITH SMALL GROUPS (2 TO 6 STUDENTS)	71	41.8
WITH LARGER GROUPS (7 OR MORE STUDENTS)	23	13.5
INVALID OR NO RESPONSE	1	0.6

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q7 WHICH CHRONOLOGICAL AGE CATEGORY BELOW BEST DESCRIBES YOUR CURRENT STUDENTS

	FREQ.	PCT
5 TO 8	36	21.2
ALL AGES	36	21.2
9 TO 11	22	12.9
11 AND YOUNGER	17	10.0
12 AND OLDER	17	10.0
12 TO 14	15	8.8
4 AND YOUNGER	12	7.1
15 TO 17	10	5.9
18 AND OLDER	4	2.4
INVALID OR NO RESPONSE	1	0.6

Q8 BY WHICH OF THE FOLLOWING ARE YOU EMPLOYED

	FREQ.	PCT
LOCAL PUBLIC SCHOOL DISTRICT	162	95.3
STATE AGENCY OTHER THAN STATE EDUCATION AGENCY	8	4.7
PRIVATE OR NONPUBLIC AGENCY	0	0.0
OTHER AGENCY	0	0.0
INVALID OR NO RESPONSE	0	0.0

Q9 AT WHAT TYPE OF FACILITY DO YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
REGULAR SCHOOL	91	53.5
SPECIAL EDUCATION SCHOOL (NONRESIDENTIAL)	79	46.5
SPECIAL EDUCATION RESIDENTIAL SCHOOL	0	0.0
DEVELOPMENTAL CENTER	0	0.0
CLINIC OR REHABILITATION AGENCY	0	0.0
HOSPITAL	0	0.0
OTHER FACILITY	0	0.0
INVALID OR NO RESPONSE	0	0.0

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q10 WHAT IS THE TOTAL ENROLLMENT OF THE SCHOOL AT WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
100 TO 249	46	27.1
LESS THAN 100	35	20.6
250 TO 499	34	20.0
500 TO 999	24	14.1
1,000 OR MORE	22	12.9
NOT APPLICABLE	5	2.9
INVALID OR NO RESPONSE	4	2.4

Q11 WHICH BEST DESCRIBES THE TYPE OF COMMUNITY IN WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
MEDIUM-SIZE CITY (100,000 — 500,000)	42	24.7
LARGE CITY (500,000 OR LARGER)	36	21.2
SMALL CITY (25,000 -- 100,000)	30	17.6
TOWN (25,000 OR UNDER)	25	14.7
SUBURB OF A LARGE OR MEDIUM-SIZE CITY	23	13.5
RURAL AREA NEAR A LARGE OR MEDIUM-SIZE CITY	10	5.9
RURAL AREA NOT NEAR A LARGE OR MEDIUM-SIZE CITY	4	2.4
INVALID OR NO RESPONSE	0	0.0

USERS' GUIDE TO NNA ANALYSIS

SECTION III. TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

RESPONDENT POPULATION 5: TEACHERS OF THE PHYSICALLY/ORTHOPEDICALLY HANDICAPPED

SUBSECTION D. ANALYSIS OF ITEMS ON TRAINING FOR THE SUBGROUP OF PUBLIC SCHOOL TEACHERS

THE NEXT SIX PAGES CONTAIN THE ANALYSES OF THE ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS FOR THE SUBGROUP OF PUBLIC SCHOOL TEACHERS FROM THE RESPONDENT POPULATION ABOVE. (THE TERM "PUBLIC SCHOOL TEACHER" IS DEFINED IN THE INTRODUCTION TO SUBSECTION C.) THIS SUBGROUP IS INDICATED IN THE UPPER RIGHT CORNER OF THE PAGE, OPPOSITE THE DESCRIPTION OF THE RESPONDENT POPULATION. BELOW IT APPEARS THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

PRESENTED FOR EACH QUESTION, 1 THROUGH 9, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. ALL PERCENTAGE CALCULATIONS, EXCEPT THOSE FOR QUESTIONS 7 AND 9, ARE BASED ON THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

FOR QUESTIONS 7 AND 9, THE RESPONDENT BASE IS RESTRICTED IN A MANNER THAT IS EVIDENT FROM READING THE QUESTIONS; I.E., THE RESPONSE TO EACH ALTERNATIVE IN QUESTION 7 IS PREDICATED UPON A RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6. THEREFORE, THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 7 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6, RATHER THAN THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

QUESTION 9 IS SIMILARLY CONTINGENT UPON QUESTION 8. THAT IS, A RESPONSE TO A GIVEN ALTERNATIVE FOR QUESTION 9 WAS APPROPRIATE ONLY IF THAT SAME ALTERNATIVE WAS CHOSEN IN QUESTION 8, AND THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 9 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 8.

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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q1 FROM WHICH OF THE FOLLOWING SOURCES DO YOU OBTAIN MOST OF YOUR INFORMATION ABOUT TRAINING OPPORTUNITIES

	FREQ.	PCT
NO SOURCE AVAILABLE	3	1.8
WORKSHOPS AND CONFERENCES	94	55.3
WORD OF MOUTH FROM COLLEAGUES	82	48.2
DISTRICT NEWSLETTERS/ANNOUNCEMENTS	58	34.1
SUPERVISOR	56	32.9
COLLEGE BULLETINS AND ANNOUNCEMENTS	50	29.4
PROFESSIONAL JOURNALS	34	20.0
REGIONAL (IN-STATE) NEWSLETTERS/ANNOUNCEMENTS	28	16.5
STATE NEWSLETTERS/ANNOUNCEMENTS	21	12.4
PUBLISHERS' BROCHURES	17	10.0
NATIONAL NEWSLETTERS/ANNOUNCEMENTS	15	8.8
REGIONAL (MULTI-STATE) NEWSLETTERS/ANNOUNCEMENTS	8	4.7
PUBLIC MEDIA ANNOUNCEMENTS	5	2.9
OTHER	4	2.4

Q2 TO WHAT EXTENT IS EACH OF THE FOLLOWING AN OBSTACLE TO ACQUIRING THE MEDIA AND MATERIALS TRAINING YOU NEED

	GREAT		MODERATE		LITTLE OR NOT AT ALL		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
INSUFFICIENT RELEASED TIME	80	47.1	41	24.1	36	21.2	13	7.6
INCONVENIENT LOCATION OF TRAINING PROGRAMS	61	35.9	57	33.5	35	20.6	17	10.0
TOO EXPENSIVE	59	34.7	54	31.8	35	20.6	22	12.9
INCONVENIENT SCHEDULING OF TRAINING PROGRAMS	48	28.2	68	40.0	33	19.4	21	12.4
LACK OF INFORMATION ABOUT TRAINING OPPORTUNITIES	38	22.4	57	33.5	55	32.4	20	11.8
TRAINING I NEED NOT OFFERED	33	19.4	50	29.4	64	37.6	23	13.5
NEGATIVE ATTITUDE OF ADMINISTRATORS/OTHER TEACHERS	33	19.4	34	20.0	75	44.1	28	16.5
LACK OF QUALIFIED TRAINERS	21	12.4	49	28.8	69	40.6	31	18.2
OTHER	10	5.9	5	2.9	27	15.9	128	75.3

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Q3 HOW ARE YOUR TRAINING NEEDS USUALLY MADE KNOWN TO ADMINISTRATIVE PERSONNEL IN YOUR DISTRICT OR FACILITY

	FREQ.	PCT
REQUEST TO SUPERVISOR	76	44.7
NO REGULAR PROCEDURE TO MAKE TRAINING NEEDS KNOWN	62	36.5
DIRECT REQUEST TO DISTRICT OFFICE	17	10.0
OTHER PROCEDURE	4	2.4
STRUCTURED INTERVIEW/QUESTIONNAIRE	3	1.8
INVALID OR NO RESPONSE	8	4.7

Q4 HAVE PACKAGED TRAINING KITS AND/OR PROGRAMMED MATERIALS PLAYED AN IMPORTANT ROLE IN YOUR TRAINING

	YES		NO		NEVER USED		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
DURING PRESERVICE/IN COLLEGE	45	26.5	50	29.4	67	39.4	8	4.7
DURING INSERVICE	49	28.8	53	31.2	62	36.5	6	3.5
ON YOUR OWN	65	38.2	41	24.1	53	31.2	11	6.5

Q5 HOW VALUABLE WOULD SELF-INSTRUCTIONAL TRAINING KITS BE FOR YOUR TRAINING NEEDS IN EACH OF THE FOLLOWING SKILLS

	OF GREAT VALUE		OF SOME VALUE		OF LITTLE OR NO VALUE		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
MATCHING MEDIA/MATERIALS TO LEARNER NEEDS	93	54.7	58	34.1	14	8.2	5	2.9
ADAPTING MEDIA/MATERIALS	91	53.5	67	39.4	10	5.9	2	1.2
DESIGNING MEDIA/MATERIALS	85	50.0	67	39.4	16	9.4	2	1.2
UTILIZING MEDIA/MATERIALS	69	40.6	85	50.0	13	7.6	3	1.8
SELECTING/EVALUATING MEDIA/MATERIALS	62	36.5	81	47.6	23	13.5	4	2.4
REPAIRING MEDIA AND EQUIPMENT	45	26.5	71	41.8	50	29.4	4	2.4

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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q6 WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
HOW TO SELECT MEDIA AND MATERIALS ACCORDING TO SPECIFIC LEARNING OBJECTIVES FOR										
SOCIAL/PERSONAL DEVELOPMENT	125	73.5	47	37.6	12	9.6	52	41.6	3	2.4
ACADEMIC DEVELOPMENT	120	70.6	80	66.7	10	8.3	20	16.7	0	0.0
COGNITIVE DEVELOPMENT	115	67.6	73	63.5	13	11.3	17	14.8	2	1.7
PSYCHOMOTOR DEVELOPMENT	106	62.4	54	50.9	16	15.1	19	17.9	10	9.4
LANGUAGE/SPEECH DEVELOPMENT	101	59.4	49	48.5	11	10.9	32	31.7	3	3.0
HOW TO SELECT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	151	88.8	62	41.1	23	15.2	52	34.4	1	0.7
PUPIL INTEREST LEVEL	128	75.3	30	23.4	15	11.7	64	50.0	2	1.6
PUPIL RESPONSE MODE	103	60.6	40	38.8	9	8.7	43	41.7	2	1.9
PUPIL SENSORY INPUT MODE	90	52.9	45	50.0	13	14.4	24	26.7	2	2.2
PUPIL CULTURAL BACKGROUND	42	24.7	12	28.6	5	11.9	21	50.0	3	7.1
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	141	82.9	44	31.2	17	12.1	64	45.4	3	2.1
SPECIFIC LEARNING OBJECTIVES	131	77.1	60	45.8	26	19.8	31	23.7	5	3.8
PUPIL INTEREST LEVEL	106	62.4	21	19.8	11	10.4	59	55.7	6	5.7
PUPIL RESPONSE MODE	100	58.8	30	30.0	8	8.0	46	46.0	7	7.0
PUPIL SENSORY INPUT MODE	85	50.0	30	35.3	8	9.4	35	41.2	7	8.2
PUPIL CULTURAL BACKGROUND	38	22.4	5	13.2	3	7.9	24	63.2	3	7.9
HOW TO										
EVALUATE EFFECTIVENESS OF MEDIA/MATERIALS	123	72.4	32	26.0	24	19.5	49	39.8	9	7.3
COORDINATE TWO OR MORE KINDS OF MATERIALS	89	52.4	17	19.1	9	10.1	47	52.8	8	9.0
TRAIN PARENTS IN USE OF CHILD INSTR. MTRLS	75	44.1	8	10.7	9	12.0	27	36.0	24	32.0
USE INSTR. MATERIALS/LEARNING RESOURCE CENTER	72	42.4	27	37.5	18	25.0	17	23.6	4	5.6
PLAN/IMPLEMENT A MULTIMEDIA PRESENTATION	45	26.5	12	26.7	9	20.0	13	28.9	9	20.0
INTERPRET RESEARCH ON MEDIA/MATERIALS	43	25.3	19	44.2	4	9.3	14	32.6	2	4.7
PREPARE MULTIMEDIA KITS	41	24.1	12	29.3	5	12.2	12	29.3	11	26.8
USE A COMPUTER TO DIAGNOSE LEARNER NEEDS	23	13.5	0	0.0	4	17.4	2	8.7	15	65.2
USE A COMPUTER TO OBTAIN MATERIALS INFO.	16	9.4	2	12.5	4	25.0	1	6.3	9	56.3
USE A COMPUTER TO MONITOR PUPIL PROGRESS	15	8.8	0	0.0	4	26.7	1	6.7	9	60.0

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

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Q6 (CONTINUED) WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 (CONTINUED) FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
MATERIALS FOR INDEPENDENT CHILD USE	101	59.4	12	11.9	22	21.8	47	46.5	10	9.9
ADAPTIVE EQUIPMENT	100	58.8	9	9.0	29	29.0	49	49.0	5	5.0
MEDIA HARDWARE AND EQUIPMENT	80	47.1	20	25.0	18	22.5	29	36.3	6	7.5
PROGRAMMED INSTRUCTIONAL MATERIALS	61	35.9	16	26.2	18	29.5	15	24.6	6	9.8
MULTIMEDIA KITS	49	28.8	7	14.3	17	34.7	12	24.5	10	20.4
HOW TO MAKE										
TACTILE MATERIALS	92	54.1	33	35.9	7	7.6	39	42.4	8	8.7
A MASTER FOR REPRODUCTION UNITS	82	48.2	26	31.7	11	13.4	36	43.9	5	6.1
AUDIO-VISUAL MATERIALS	73	42.9	31	42.5	8	11.0	20	27.4	7	9.6
GRAPHICS (E.G., CHARTS, FLASH CARDS)	71	41.8	26	36.6	5	7.0	39	54.9	0	0.0
AUDIO MATERIALS	50	29.4	16	32.0	4	8.0	19	38.0	9	18.0
EXHIBITS	27	15.9	11	40.7	1	3.7	11	40.7	2	7.4
HOW TO OPERATE										
TAPE RECORDER	98	57.6	27	27.6	4	4.1	63	64.3	1	1.0
FILM PROJECTOR	87	51.2	41	47.1	11	12.6	27	31.0	3	3.4
FILMSTRIP PROJECTOR	85	50.0	38	44.7	6	7.1	39	45.9	0	0.0
UNIQUE TEACHING MACHINES	51	30.0	0	0.0	16	31.4	17	33.3	16	31.4
DRY MOUNT PRESS/LAMINATOR	49	28.8	15	30.6	9	18.4	12	24.5	12	24.5
VIDEOTAPE EQUIPMENT	44	25.9	6	13.6	13	29.5	8	18.2	16	36.4
SPECIALIZED EQUIPMENT (E.G., OPTACON)	32	18.8	4	12.5	9	28.1	6	18.8	11	34.4
COMPUTER-BASED INSTRUCTIONAL EQUIPMENT	22	12.9	0	0.0	5	22.7	1	4.5	13	59.1
STILL PHOTOGRAPHIC EQUIPMENT	21	12.4	1	4.8	1	4.8	13	61.9	4	19.0
MOTION PICTURE CAMERA	18	10.6	3	16.7	0	0.0	5	27.8	7	38.9

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

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Q8 FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 8, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

	Q8		PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO SPECIFIC OBJECTIVES FOR	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
LANGUAGE/SPEECH DEVEL.	53	31.2	6	11.3	4	7.5	7	13.2	10	18.9	1	1.9	17	32.1	2	3.8	5	9.4
ACADEMIC DEVELOPMENT	52	30.6	8	15.4	0	0.0	5	9.6	7	13.5	0	0.0	17	32.7	2	3.8	9	17.3
SOCIAL/PERSONAL DEVEL.	50	29.4	1	2.0	2	4.0	8	16.0	4	8.0	0	0.0	9	18.0	2	4.0	19	38.0
PSYCHOMOTOR DEVELOP.	48	28.2	3	6.3	1	2.1	6	12.5	8	16.7	1	2.1	17	35.4	0	0.0	9	18.8
COGNITIVE DEVELOPMENT	44	25.9	3	6.8	0	0.0	4	9.1	5	11.4	1	2.3	19	43.2	1	2.3	7	15.9
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO																		
PUPIL FUNCTIONAL LEVEL	49	28.8	4	8.2	2	4.1	3	6.1	6	12.2	1	2.0	12	24.5	1	2.0	19	38.8
PUPIL INTEREST LEVEL	30	17.6	2	6.7	2	6.7	2	6.7	4	13.3	0	0.0	4	13.3	1	3.3	14	46.7
PUPIL INPUT MODE	25	14.7	2	8.0	0	0.0	2	8.0	2	8.0	0	0.0	11	44.0	1	4.0	6	24.0
PUPIL RESPONSE MODE	23	13.5	3	13.0	0	0.0	2	8.7	5	21.7	0	0.0	6	26.1	0	0.0	5	21.7
PUPIL CULT. BACKGROUND	5	2.9	0	0.0	0	0.0	0	0.0	1	20.0	0	0.0	1	20.0	0	0.0	2	40.0
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO																		
SPECIFIC LRNG OBJCTVS.	51	30.0	3	5.9	9	17.6	5	9.8	11	21.6	1	2.0	8	15.7	2	3.9	11	21.6
PUPIL FUNCTIONAL LEVEL	46	27.1	5	10.9	3	6.5	4	8.7	5	10.9	2	4.3	9	19.6	2	4.3	12	26.1
PUPIL INTEREST LEVEL	26	15.3	1	3.8	2	7.7	1	3.8	4	15.4	1	3.8	2	7.7	2	7.7	12	46.2
PUPIL RESPONSE MODE	26	15.3	0	0.0	0	0.0	4	15.4	5	19.2	1	3.8	6	23.1	1	3.8	8	30.8
PUPIL INPUT MODE	21	12.4	0	0.0	0	0.0	3	14.3	3	14.3	1	4.8	7	33.3	1	4.8	4	19.0
PUPIL CULT. BACKGROUND	4	2.4	0	0.0	0	0.0	0	0.0	2	50.0	0	0.0	0	0.0	0	0.0	2	50.0
HOW TO																		
EVAL. MEDIA/MATERIALS	53	31.2	2	3.8	1	1.9	4	7.5	8	15.1	1	1.9	8	15.1	7	13.2	20	37.7
TRAIN PARENTS IN MTRLS	37	21.8	1	2.7	5	13.5	7	18.9	7	18.9	2	5.4	6	16.2	2	5.4	4	10.8
COORD. TWO/MORE MTRLS	20	11.8	2	10.0	0	0.0	2	10.0	6	30.0	0	0.0	0	0.0	3	15.0	5	25.0
USE LRNG RESOURCE CTR	20	11.8	5	25.0	4	20.0	3	15.0	2	10.0	0	0.0	1	5.0	1	5.0	3	15.0
USE COMPUTER TO DIAG.	17	10.0	1	5.9	0	0.0	2	11.8	4	23.5	1	5.9	6	35.3	2	11.8	1	5.9
PLAN MULTIMEDIA PRES.	12	7.1	0	0.0	2	16.7	3	25.0	2	16.7	0	0.0	2	16.7	1	8.3	1	8.3
INTERPRET M/M RESEARCH	11	6.5	0	0.0	0	0.0	2	18.2	2	18.2	0	0.0	5	45.5	0	0.0	2	18.2
PREPARE MULTIMEDIA KITS	9	5.3	0	0.0	3	33.3	0	0.0	2	22.2	0	0.0	1	11.1	1	11.1	1	11.1
USE COMPUTER FOR INFO	8	4.7	0	0.0	0	0.0	0	0.0	2	25.0	2	25.0	1	12.5	1	12.5	1	12.5
USE COMPUTER TO MONITOR	8	4.7	1	12.5	0	0.0	0	0.0	2	25.0	0	0.0	2	25.0	1	12.5	2	25.0

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Q8 (CONTINUED) FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 (CONTINUED) FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 8, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES			PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
ADAPTIVE EQUIPMENT	35	20.6	2	5.7	2	5.7	7	20.0	4	11.4	2	5.7	4	11.4	8	22.9	3	8.6
INDEP. CHILD USE MTRLS	33	19.4	2	6.1	2	6.1	4	12.1	3	9.1	1	3.0	5	15.2	5	15.2	8	24.2
MEDIA HARDWARE/EQUIP.	16	9.4	0	0.0	1	6.3	1	6.3	2	12.5	0	0.0	2	12.5	6	37.5	3	18.8
PROGRAMMED MATERIALS	15	8.8	0	0.0	1	6.7	0	0.0	2	13.3	0	0.0	4	26.7	6	40.0	2	13.3
MULTIMEDIA KITS	10	5.9	0	0.0	2	20.0	0	0.0	0	0.0	1	10.0	1	10.0	3	30.0	2	20.0
HOW TO MAKE																		
AUDIO-VISUAL MATERIALS	14	8.2	1	7.1	0	0.0	1	7.1	1	7.1	0	0.0	5	35.7	3	21.4	2	14.3
TACTILE MATERIALS	10	5.9	1	10.0	0	0.0	0	0.0	0	0.0	1	10.0	1	10.0	3	30.0	1	10.0
REPRODUCTION MASTERS	7	4.1	1	14.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	28.6	3	42.9
GRAPHICS (E.G., CHARTS)	5	2.9	1	20.0	0	0.0	1	20.0	0	0.0	0	0.0	1	20.0	1	20.0	1	20.0
AUDIO MATERIALS	3	1.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	100.0	0	0.0
EXHIBITS	3	1.8	0	0.0	0	0.0	0	0.0	0	0.0	1	33.3	1	33.3	0	0.0	0	0.0
HOW TO OPERATE																		
UNIQUE TCHNG MACHINES	16	9.4	0	0.0	0	0.0	1	6.3	2	12.5	0	0.0	3	18.8	8	50.0	1	6.3
VIDEOTAPE EQUIPMENT	10	5.9	3	30.0	1	10.0	1	10.0	1	10.0	0	0.0	0	0.0	2	20.0	2	20.0
SPECIALIZED EQUIPMENT	7	4.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	42.9	3	42.9	0	0.0
COMPUTER-BASED EQUIP.	6	3.5	0	0.0	0	0.0	1	16.7	0	0.0	0	0.0	1	16.7	2	33.3	1	16.7
DRY MOUNT/LAMINATOR	4	2.4	1	25.0	0	0.0	1	25.0	0	0.0	0	0.0	0	0.0	1	25.0	1	25.0
TAPE RECORDER	3	1.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	33.3	0	0.0
FILM PROJECTOR	2	1.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0
STILL PHOTOG. EQUIP.	2	1.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	1	50.0	0	0.0
FILMSTRIP PROJECTOR	1	0.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
MOTION PICTURE CAMERA	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

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RESPONDENT POPULATION 5: TEACHERS OF THE PHYSICALLY/ORTHOPEDICALLY HANDICAPPED

SUBSECTION E. DEMOGRAPHIC DESCRIPTION OF THE SUBGROUP OF INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHERS

ON THE FOLLOWING FOUR PAGES IS A DEMOGRAPHIC DESCRIPTION OF THE SUBGROUP OF INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHERS FROM THE RESPONDENT POPULATION ABOVE. FOR PURPOSES OF THE ANALYSES IN THIS AND THE NEXT SUBSECTION (F), "INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHER" IS DEFINED AS A RESPONDENT WHO INDICATED IN THE DEMOGRAPHIC SECTION (PAGE 11) OF THE QUESTIONNAIRE EITHER

(1) THAT HE IS EMPLOYED BY THE LOCAL PUBLIC SCHOOL DISTRICT OR A STATE AGENCY OTHER THAN THE STATE EDUCATION AGENCY (QUESTION 8) AND THAT HE WORKS PRIMARILY AT A SPECIAL EDUCATION RESIDENTIAL SCHOOL, DEVELOPMENTAL CENTER, CLINIC OR REHABILITATION AGENCY, HOSPITAL, OR OTHER FACILITY (QUESTION 9),

OR (2) THAT HE IS EMPLOYED BY A PRIVATE OR NONPUBLIC AGENCY OR OTHER AGENCY (QUESTION 8) REGARDLESS OF THE TYPE OF FACILITY IN WHICH HE WORKS (QUESTION 9).

THE SUBGROUP IDENTIFICATION APPEARS IN THE UPPER RIGHT CORNER OF THE PAGE, OPPOSITE THE RESPONDENT POPULATION DESCRIPTION. BELOW IT APPEARS THE NUMBER OF RESPONDENTS IN THIS SUBGROUP. PRESENTED FOR EACH QUESTION, 2 THROUGH 11, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. ALL PERCENTAGE CALCULATIONS ARE BASED ON THE NUMBER OF RESPONDENTS IN THE SUBGROUP. (NOTE: QUESTION 1 CONSISTED OF A ZIP CODE IDENTIFIER WHICH WAS USED ONLY TO CLASSIFY RESPONDENTS BY STATE.)

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Q2 WHAT IS YOUR HIGHEST LEVEL OF FORMAL EDUCATION
IN EACH OF THE THREE CATEGORIES BELOW

	IN CURRENT TEACHING SPECIALTY		IN OTHER EDUCATION-RELATED SPECIALTY		IN OTHER FIELD	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
SOME COLLEGE COURSES	8	10.5	7	9.2	14	18.4
BACHELOR'S DEGREE	15	19.7	10	13.2	12	15.8
WORK BEYOND THE B.A.	20	26.3	17	22.4	7	9.2
MASTER'S DEGREE	9	11.8	9	11.8	2	2.6
WORK BEYOND THE M.A.	18	23.7	9	11.8	2	2.6
PH.D., ED.D.	0	0.0	0	0.0	0	0.0
NONE	3	3.9	5	6.6	8	10.5
INVALID OR NO RESPONSE	3	3.9	19	25.0	31	40.8

Q3 WHAT IS THE EXTENT OF YOUR PROFESSIONAL EXPERIENCE
IN EACH OF THE TWO CATEGORIES BELOW

	TEACHING THE HANDICAPPED		OTHER TEACHING	
	FREQ.	PCT	FREQ.	PCT
LESS THAN 1 YEAR	5	6.6	3	3.9
1 TO 3 YEARS	16	21.1	13	17.1
4 TO 7 YEARS	22	28.9	10	13.2
8 TO 15 YEARS	22	28.9	6	7.9
16 OR MORE YEARS	11	14.5	8	10.5
NONE	0	0.0	15	19.7
INVALID OR NO RESPONSE	0	0.0	21	27.6

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q4 WHAT IS YOUR PRIMARY ROLE THIS SCHOOL YEAR

	FREQ.	PCT
SPECIAL CLASS TEACHER -- ALL SUBJECTS	22	28.9
HOME/HOSPITAL-BOUND TEACHER	12	15.8
CLINICIAN/THERAPIST/PATHOLOGIST	10	13.2
SPECIAL CLASS TEACHER -- SPECIFIC SUBJECT(S)	7	9.2
ITINERANT TEACHER	5	6.6
RESOURCE ROOM TEACHER	4	5.3
DIAGNOSTIC/PRESCRIPTIVE TEACHER	4	5.3
REGULAR CLASSROOM TEACHER	3	3.9
MEDIA SPECIALIST OR LIBRARIAN	0	0.0
ITINERANT RESOURCE PERSON	0	0.0
OTHER	6	7.9
INVALID OR NO RESPONSE	3	3.9

Q5 HOW MANY HANDICAPPED STUDENTS ARE YOU WORKING WITH AT THE PRESENT TIME

	FREQ.	PCT
5 TO 9	25	32.9
10 TO 19	23	30.3
40 OR MORE	12	15.8
20 TO 29	8	10.5
30 TO 39	5	6.6
4 OR FEWER	3	3.9
INVALID OR NO RESPONSE	0	0.0

Q6 IN YOUR TEACHING, HOW DO YOU PRESENTLY SPEND MOST OF YOUR TIME

	FREQ.	PCT
WITH INDIVIDUAL STUDENTS	47	61.8
WITH SMALL GROUPS (2 TO 6 STUDENTS)	22	28.9
WITH LARGER GROUPS (7 OR MORE STUDENTS)	5	6.6
INVALID OR NO RESPONSE	2	2.6

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Q7 WHICH CHRONOLOGICAL AGE CATEGORY BELOW BEST DESCRIBES YOUR CURRENT STUDENTS

	FREQ.	PCT
ALL AGES	24	31.6
11 AND YOUNGER	11	14.5
12 AND OLDER	11	14.5
18 AND OLDER	7	9.2
9 TO 11	6	7.9
12 TO 14	5	6.6
4 AND YOUNGER	4	5.3
15 TO 17	4	5.3
5 TO 8	3	3.9
INVALID OR NO RESPONSE	1	1.3

Q8 BY WHICH OF THE FOLLOWING ARE YOU EMPLOYED

	FREQ.	PCT
LOCAL PUBLIC SCHOOL DISTRICT	27	35.5
STATE AGENCY OTHER THAN STATE EDUCATION AGENCY	19	25.0
PRIVATE OR NONPUBLIC AGENCY	6	7.9
OTHER AGENCY	24	31.6
INVALID OR NO RESPONSE	0	0.0

Q9 AT WHAT TYPE OF FACILITY DO YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
SPECIAL EDUCATION RESIDENTIAL SCHOOL	22	28.9
SPECIAL EDUCATION SCHOOL (NONRESIDENTIAL)	10	13.2
REGULAR SCHOOL	9	11.8
DEVELOPMENTAL CENTER	7	9.2
HOSPITAL	7	9.2
CLINIC OR REHABILITATION AGENCY	4	5.3
OTHER FACILITY	17	22.4
INVALID OR NO RESPONSE	0	0.0

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Q10 WHAT IS THE TOTAL ENROLLMENT OF THE SCHOOL AT WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
LESS THAN 100	21	27.6
100 TO 249	15	19.7
250 TO 499	10	13.2
1,000 OR MORE	9	11.8
500 TO 999	8	10.5
NOT APPLICABLE	13	17.1
INVALID OR NO RESPONSE	0	0.0

Q11 WHICH BEST DESCRIBES THE TYPE OF COMMUNITY IN WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
SMALL CITY (25,000 -- 100,000)	23	30.3
TOWN (25,000 OR UNDER)	15	19.7
MEDIUM-SIZE CITY (100,000 -- 500,000)	13	17.1
RURAL AREA NEAR A LARGE OR MEDIUM-SIZE CITY	10	13.2
SUBURB OF A LARGE OR MEDIUM-SIZE CITY	8	10.5
RURAL AREA NOT NEAR A LARGE OR MEDIUM-SIZE CITY	4	5.3
LARGE CITY (500,000 OR LARGER)	3	3.9
INVALID OR NO RESPONSE	0	0.0

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SUBSECTION F. ANALYSIS OF ITEMS ON TRAINING FOR THE SUBGROUP OF INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHERS

THE NEXT SIX PAGES CONTAIN THE ANALYSES OF THE ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS FOR THE SUBGROUP OF INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHERS FROM THE RESPONDENT POPULATION ABOVE. (THE TERM "INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHER" IS DEFINED IN THE INTRODUCTION TO SUBSECTION E.) THIS SUBGROUP IS INDICATED IN THE UPPER RIGHT CORNER OF THE PAGE, OPPOSITE THE DESCRIPTION OF THE RESPONDENT POPULATION. BELOW IT APPEARS THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

PRESENTED FOR EACH QUESTION, 1 THROUGH 9, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. ALL PERCENTAGE CALCULATIONS, EXCEPT THOSE FOR QUESTIONS 7 AND 9, ARE BASED ON THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

FOR QUESTIONS 7 AND 9, THE RESPONDENT BASE IS RESTRICTED IN A MANNER THAT IS EVIDENT FROM READING THE QUESTIONS; I.E., THE RESPONSE TO EACH ALTERNATIVE IN QUESTION 7 IS PREDICATED UPON A RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6. THEREFORE, THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 7 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6, RATHER THAN THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

QUESTION 9 IS SIMILARLY CONTINGENT UPON QUESTION 8. THAT IS, A RESPONSE TO A GIVEN ALTERNATIVE FOR QUESTION 9 WAS APPROPRIATE ONLY IF THAT SAME ALTERNATIVE WAS CHOSEN IN QUESTION 8, AND THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 9 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 8.

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Q1 FROM WHICH OF THE FOLLOWING SOURCES DO YOU OBTAIN MOST OF YOUR INFORMATION ABOUT TRAINING OPPORTUNITIES

	FREQ.	PCT
NO SOURCE AVAILABLE	0	0.0
WORKSHOPS AND CONFERENCES	47	61.8
SUPERVISOR	31	40.8
WORD OF MOUTH FROM COLLEAGUES	25	32.9
PROFESSIONAL JOURNALS	23	30.3
DISTRICT NEWSLETTERS/ANNOUNCEMENTS	20	26.3
REGIONAL (IN-STATE) NEWSLETTERS/ANNOUNCEMENTS	19	25.0
COLLEGE BULLETINS AND ANNOUNCEMENTS	15	19.7
STATE NEWSLETTERS/ANNOUNCEMENTS	13	17.1
PUBLISHERS' BROCHURES	8	10.5
REGIONAL (MULTI-STATE) NEWSLETTERS/ANNOUNCEMENTS	6	7.9
PUBLIC MEDIA ANNOUNCEMENTS	5	6.6
NATIONAL NEWSLETTERS/ANNOUNCEMENTS	2	2.6
OTHER	5	6.6

Q2 TO WHAT EXTENT IS EACH OF THE FOLLOWING AN OBSTACLE TO ACQUIRING THE MEDIA AND MATERIALS TRAINING YOU NEED

	GREAT		MODERATE		LITTLE OR NOT AT ALL		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
TOO EXPENSIVE	28	36.8	17	22.4	18	23.7	13	17.1
INCONVENIENT LOCATION OF TRAINING PROGRAMS	21	27.6	21	27.6	21	27.6	13	17.1
INCONVENIENT SCHEDULING OF TRAINING PROGRAMS	20	26.3	26	34.2	20	26.3	10	13.2
INSUFFICIENT RELEASED TIME	20	26.3	21	27.6	23	30.3	12	15.8
TRAINING I NEED NOT OFFERED	16	21.1	22	28.9	24	31.6	14	18.4
LACK OF INFORMATION ABOUT TRAINING OPPORTUNITIES	15	19.7	25	32.9	26	34.2	10	13.2
LACK OF QUALIFIED TRAINERS	13	17.1	16	21.1	33	43.4	14	18.4
NEGATIVE ATTITUDE OF ADMINISTRATORS/OTHER TEACHERS	7	9.2	16	21.1	38	50.0	15	19.7
OTHER	1	1.3	5	6.6	13	17.1	57	75.0

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Q3 HOW ARE YOUR TRAINING NEEDS USUALLY MADE KNOWN TO ADMINISTRATIVE PERSONNEL IN YOUR DISTRICT OR FACILITY

	FREQ.	PCT
REQUEST TO SUPERVISOR	40	52.6
NO REGULAR PROCEDURE TO MAKE TRAINING NEEDS KNOWN	23	30.3
DIRECT REQUEST TO DISTRICT OFFICE	7	9.2
OTHER PROCEDURE	1	1.3
STRUCTURED INTERVIEW/QUESTIONNAIRE	0	0.0
INVALID OR NO RESPONSE	5	6.6

Q4 HAVE PACKAGED TRAINING KITS AND/OR PROGRAMMED MATERIALS PLAYED AN IMPORTANT ROLE IN YOUR TRAINING

	YES		NO		NEVER USED		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
DURING PRESERVICE/IN COLLEGE	19	25.0	25	32.9	25	32.9	7	9.2
DURING INSERVICE	22	28.9	24	31.6	23	30.3	7	9.2
ON YOUR OWN	24	31.6	26	34.2	19	25.0	7	9.2

Q5 HOW VALUABLE WOULD SELF-INSTRUCTIONAL TRAINING KITS BE FOR YOUR TRAINING NEEDS IN EACH OF THE FOLLOWING SKILLS

	OF GREAT VALUE		OF SOME VALUE		OF LITTLE OR NO VALUE		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
MATCHING MEDIA/MATERIALS TO LEARNER NEEDS	33	43.4	30	39.5	10	13.2	3	3.9
ADAPTING MEDIA/MATERIALS	30	39.5	32	42.1	10	13.2	4	5.3
DESIGNING MEDIA/MATERIALS	29	38.2	29	38.2	13	17.1	5	6.6
SELECTING/EVALUATING MEDIA/MATERIALS	26	34.2	31	40.8	14	18.4	5	6.6
UTILIZING MEDIA/MATERIALS	26	34.2	34	44.7	11	14.5	5	6.6
REPAIRING MEDIA AND EQUIPMENT	11	14.5	35	46.1	23	30.3	7	9.2

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Q6 WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
HOW TO SELECT MEDIA AND MATERIALS ACCORDING TO SPECIFIC LEARNING OBJECTIVES FOR	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
COGNITIVE DEVELOPMENT	48	63.2	19	39.6	7	14.6	17	35.4	1	2.1
PSYCHOMOTOR DEVELOPMENT	43	56.6	19	44.2	11	25.6	6	14.0	3	7.0
SOCIAL/PERSONAL DEVELOPMENT	42	55.3	17	40.5	7	16.7	14	33.3	3	7.1
LANGUAGE/SPEECH DEVELOPMENT	41	53.9	17	41.5	7	17.1	10	24.4	5	12.2
ACADEMIC DEVELOPMENT	37	48.7	21	56.8	5	13.5	7	18.9	0	0.0
HOW TO SELECT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	63	82.9	16	25.4	14	22.2	24	38.1	4	6.3
PUPIL INTEREST LEVEL	42	55.3	10	23.8	6	14.3	21	50.0	3	7.1
PUPIL RESPONSE MODE	40	52.6	9	22.5	8	20.0	13	32.5	4	10.0
PUPIL SENSORY INPUT MODE	36	47.4	8	22.2	8	22.2	13	36.1	4	11.1
PUPIL CULTURAL BACKGROUND	19	25.0	1	5.3	2	10.5	14	73.7	1	5.3
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	57	75.0	18	31.6	14	24.6	16	28.1	5	8.8
SPECIFIC LEARNING OBJECTIVES	47	61.8	16	34.0	13	27.7	10	21.3	4	8.5
PUPIL INTEREST LEVEL	42	55.3	10	23.8	5	11.9	21	50.0	5	11.9
PUPIL RESPONSE MODE	37	48.7	12	32.4	8	21.6	10	27.0	4	10.8
PUPIL SENSORY INPUT MODE	34	44.7	10	29.4	4	11.8	12	35.3	5	14.7
PUPIL CULTURAL BACKGROUND	15	19.7	0	0.0	1	6.7	12	80.0	1	6.7
HOW TO										
EVALUATE EFFECTIVENESS OF MEDIA/MATERIALS	40	52.6	10	25.0	6	15.0	14	35.0	7	17.5
COORDINATE TWO OR MORE KINDS OF MATERIALS	32	42.1	5	15.6	6	18.8	16	50.0	2	6.3
INTERPRET RESEARCH ON MEDIA/MATERIALS	23	30.3	12	52.2	0	0.0	4	17.4	5	21.7
USE INSTR. MATERIALS/LEARNING RESOURCE CENTER .	22	28.9	7	31.8	5	22.7	6	27.3	2	9.1
TRAIN PARENTS IN USE OF CHILD INSTR. MTRLS	22	28.9	4	18.2	5	22.7	3	13.6	6	27.3
PREPARE MULTIMEDIA KITS	16	21.1	3	18.8	0	0.0	6	37.5	6	37.5
PLAN/IMPLEMENT A MULTIMEDIA PRESENTATION	15	19.7	2	13.3	0	0.0	7	46.7	5	33.3
USE A COMPUTER TO DIAGNOSE LEARNER NEEDS	9	11.8	1	11.1	0	0.0	0	0.0	7	77.8
USE A COMPUTER TO OBTAIN MATERIALS INFO.	7	9.2	0	0.0	1	14.3	1	14.3	5	71.4
USE A COMPUTER TO MONITOR PUPIL PROGRESS	7	9.2	1	14.3	0	0.0	0	0.0	5	71.4

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

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Q6 (CONTINUED) WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 (CONTINUED) FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES										
ADAPTIVE EQUIPMENT	39	51.3	6	15.4	7	17.9	15	38.5	6	15.4
MATERIALS FOR INDEPENDENT CHILD USE	34	44.7	8	23.5	7	20.6	12	35.3	3	8.8
PROGRAMMED INSTRUCTIONAL MATERIALS	20	26.3	4	20.0	9	45.0	4	20.0	1	5.0
MEDIA HARDWARE AND EQUIPMENT	19	25.0	6	31.6	5	26.3	7	36.8	0	0.0
MULTIMEDIA KITS	13	17.1	3	23.1	6	46.2	1	7.7	1	7.7
HOW TO MAKE										
TACTILE MATERIALS	35	46.1	2	5.7	5	14.3	18	51.4	2	5.7
AUDIO-VISUAL MATERIALS	27	35.5	9	33.3	4	14.8	8	29.6	1	3.7
A MASTER FOR REPRODUCTION UNITS	22	28.9	6	27.3	4	18.2	7	31.8	1	4.5
GRAPHICS (E.G., CHARTS, FLASH CARDS)	18	23.7	4	22.2	3	16.7	8	44.4	0	0.0
AUDIO MATERIALS	14	18.4	3	21.4	1	7.1	7	50.0	0	0.0
EXHIBITS	13	17.1	3	23.1	1	7.7	5	38.5	1	7.7
HOW TO OPERATE										
FILMSTRIP PROJECTOR	32	42.1	12	37.5	7	21.9	8	25.0	2	6.3
TAPE RECORDER	28	36.8	4	14.3	4	14.3	14	50.0	0	0.0
FILM PROJECTOR	23	30.3	11	47.8	4	17.4	7	30.4	0	0.0
UNIQUE TEACHING MACHINES	17	22.4	0	0.0	6	35.3	4	23.5	4	23.5
VIDEOTAPE EQUIPMENT	14	18.4	2	14.3	4	28.6	3	21.4	3	21.4
SPECIALIZED EQUIPMENT (E.G., OPTACON)	13	17.1	0	0.0	4	30.8	3	23.1	5	38.5
DRY MOUNT PRESS/LAMINATOR	12	15.8	1	8.3	4	33.3	4	33.3	1	8.3
COMPUTER-BASED INSTRUCTIONAL EQUIPMENT	9	11.8	1	11.1	3	33.3	0	0.0	5	55.6
STILL PHOTOGRAPHIC EQUIPMENT	5	6.6	0	0.0	1	20.0	3	60.0	0	0.0
MOTION PICTURE CAMERA	4	5.3	0	0.0	1	25.0	2	50.0	0	0.0

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q8 FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 8, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

			PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO SPECIFIC OBJECTIVES FOR	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
PSYCHOMOTOR DEVELOP.	23	30.3	1	4.3	2	8.7	7	30.4	2	8.7	0	0.0	5	21.7	1	4.3	3	13.0
SOCIAL/PERSONAL DEVEL.	21	27.6	0	0.0	2	9.5	2	9.5	2	9.5	2	9.5	5	23.8	1	4.8	7	33.3
ACADEMIC DEVELOPMENT	20	26.3	1	5.0	2	10.0	2	10.0	0	0.0	1	5.0	7	35.0	4	20.0	3	15.0
COGNITIVE DEVELOPMENT	19	25.0	1	5.3	0	0.0	0	0.0	2	10.5	1	5.3	8	42.1	2	10.5	4	21.1
LANGUAGE/SPEECH DEVEL.	17	22.4	1	5.9	3	17.6	3	17.6	2	11.8	0	0.0	5	29.4	1	5.9	2	11.8
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO																		
PUPIL FUNCTIONAL LEVEL	30	39.5	6	20.0	2	6.7	3	10.0	2	6.7	0	0.0	6	20.0	2	6.7	9	30.0
PUPIL RESPONSE MODE	13	17.1	0	0.0	0	0.0	3	23.1	2	15.4	0	0.0	2	15.4	0	0.0	5	38.5
PUPIL INPUT MODE	12	15.8	1	8.3	0	0.0	2	16.7	0	0.0	0	0.0	2	16.7	0	0.0	6	50.0
PUPIL INTEREST LEVEL	11	14.5	0	0.0	1	9.1	2	18.2	0	0.0	1	9.1	0	0.0	2	18.2	5	45.5
PUPIL CULT. BACKGROUND	4	5.3	1	25.0	1	25.0	1	25.0	0	0.0	0	0.0	0	0.0	0	0.0	1	25.0
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO																		
PUPIL FUNCTIONAL LEVEL	27	35.5	5	18.5	3	11.1	6	22.2	2	7.4	1	3.7	4	14.8	0	0.0	5	18.5
SPECIFIC LRNG OBJCTVS.	19	25.0	3	15.8	3	15.8	2	10.5	1	5.3	2	10.5	2	10.5	1	5.3	5	26.3
PUPIL RESPONSE MODE	15	19.7	1	6.7	1	6.7	5	33.3	0	0.0	0	0.0	2	13.3	0	0.0	4	26.7
PUPIL INTEREST LEVEL	13	17.1	2	15.4	2	15.4	2	15.4	0	0.0	1	7.7	0	0.0	2	15.4	4	30.8
PUPIL INPUT MODE	13	17.1	1	7.7	1	7.7	2	15.4	1	7.7	0	0.0	2	15.4	1	7.7	4	30.8
PUPIL CULT. BACKGROUND	2	2.6	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0
HOW TO																		
EVAL. MEDIA/MATERIALS	15	19.7	1	6.7	2	13.3	2	13.3	3	20.0	2	13.3	2	13.3	1	6.7	2	13.3
TRAIN PARENTS IN MTRLS	13	17.1	0	0.0	0	0.0	2	15.4	3	23.1	2	15.4	3	23.1	0	0.0	2	15.4
COORD. TWO/MORE MTRLS	9	11.8	0	0.0	2	22.2	0	0.0	1	11.1	1	11.1	2	22.2	1	11.1	2	22.2
USE COMPUTER TO DIAG.	9	11.8	0	0.0	0	0.0	3	33.3	0	0.0	0	0.0	3	33.3	3	33.3	0	0.0
PREPARE MULTIMEDIA KITS	8	10.5	1	12.5	4	50.0	0	0.0	0	0.0	1	12.5	1	12.5	0	0.0	0	0.0
INTERPRET M/M RESEARCH	5	6.6	0	0.0	2	40.0	0	0.0	0	0.0	1	20.0	2	40.0	0	0.0	0	0.0
USE COMPUTER TO MONITOR	5	6.6	0	0.0	0	0.0	1	20.0	0	0.0	0	0.0	3	60.0	1	20.0	0	0.0
USE LRNG RESOURCE CTR	4	5.3	0	0.0	1	25.0	0	0.0	0	0.0	1	25.0	0	0.0	0	0.0	2	50.0
USE COMPUTER FOR INFO	4	5.3	0	0.0	1	25.0	1	25.0	0	0.0	0	0.0	2	50.0	0	0.0	0	0.0
PLAN MULTIMEDIA PRES.	3	3.9	0	0.0	0	0.0	0	0.0	1	33.3	0	0.0	0	0.0	2	66.7	0	0.0

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Q8 (CONTINUED) FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 (CONTINUED) FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 8, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

			PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
ADAPTIVE EQUIPMENT	15	19.7	0	0.0	0	0.0	6	40.0	2	13.3	0	0.0	0	0.0	1	6.7	6	40.0
INDEP. CHILD USE MTRLS	14	18.4	0	0.0	0	0.0	2	14.3	2	14.3	0	0.0	2	14.3	4	28.6	4	28.6
PROGRAMMED MATERIALS	8	10.5	0	0.0	0	0.0	1	12.5	2	25.0	0	0.0	0	0.0	4	50.0	1	12.5
MEDIA HARDWARE/EQUIP.	6	7.9	0	0.0	1	16.7	1	16.7	0	0.0	0	0.0	0	0.0	2	33.3	2	33.3
MULTIMEDIA KITS	3	3.9	1	33.3	0	0.0	1	33.3	0	0.0	0	0.0	0	0.0	1	33.3	0	0.0
HOW TO MAKE																		
AUDIO-VISUAL MATERIALS	8	10.5	1	12.5	0	0.0	0	0.0	1	12.5	0	0.0	3	37.5	2	25.0	0	0.0
TACTILE MATERIALS	7	9.2	1	14.3	0	0.0	1	14.3	1	14.3	0	0.0	1	14.3	2	28.6	1	14.3
GRAPHICS (E.G., CHARTS)	3	3.9	0	0.0	1	33.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	66.7
AUDIO MATERIALS	2	2.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	1	50.0	0	0.0
REPRODUCTION MASTERS	1	1.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0
EXHIBITS	1	1.3	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
HOW TO OPERATE																		
VIDEOTAPE EQUIPMENT	5	6.6	1	20.0	0	0.0	0	0.0	0	0.0	0	0.0	1	20.0	1	20.0	1	20.0
COMPUTER-BASED EQUIP.	5	6.6	0	0.0	0	0.0	0	0.0	1	20.0	0	0.0	0	0.0	3	60.0	1	20.0
UNIQUE TCHNG MACHINES	4	5.3	0	0.0	0	0.0	0	0.0	2	50.0	0	0.0	0	0.0	2	50.0	0	0.0
SPECIALIZED EQUIPMENT	2	2.6	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	1	50.0	0	0.0
DRY MOUNT/LAMINATOR	1	1.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0
FILMSTRIP PROJECTOR	1	1.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
FILM PROJECTOR	1	1.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0
TAPE RECORDER	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
STILL PHOTOG. EQUIP.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
MOTION PICTURE CAMERA	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

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RESPONDENT POPULATION 6: TEACHERS OF THE MULTIPLY HANDICAPPED, SEVERELY AND PROFOUNDLY HANDICAPPED, MODERATELY (TRAINABLE) MENTALLY RETARDED, SEVERELY AND PROFOUNDLY MENTALLY RETARDED

SUBSECTION A. DEMOGRAPHIC DESCRIPTION OF THE RESPONDENT POPULATION

ON THE FOLLOWING FOUR PAGES IS A DEMOGRAPHIC DESCRIPTION OF THE RESPONDENT POPULATION ABOVE. PRESENTED FOR EACH QUESTION, 2 THROUGH 11, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. (NOTE: QUESTION 1 CONSISTED OF A ZIP CODE IDENTIFIER WHICH WAS USED ONLY TO CLASSIFY RESPONDENTS BY STATE.)

TEACHERS OF MULTIPLY HANDICAPPED
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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q2 WHAT IS YOUR HIGHEST LEVEL OF FORMAL EDUCATION IN EACH OF THE THREE CATEGORIES BELOW

	IN CURRENT TEACHING SPECIALTY		IN OTHER EDUCATION-RELATED SPECIALTY		IN OTHER FIELD	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
SOME COLLEGE COURSES	100	8.4	168	14.1	218	18.3
BACHELOR'S DEGREE	262	22.0	284	23.8	156	13.1
WORK BEYOND THE B.A.	386	32.4	227	19.1	79	6.6
MASTER'S DEGREE	192	16.1	76	6.4	11	0.9
WORK BEYOND THE M.A.	110	9.2	47	3.9	18	1.5
PH.D., ED.D.	3	0.3	1	0.1	0	0.0
NONE	25	2.1	58	4.9	169	14.2
INVALID OR NO RESPONSE	113	9.5	330	27.7	540	45.3

Q3 WHAT IS THE EXTENT OF YOUR PROFESSIONAL EXPERIENCE IN EACH OF THE TWO CATEGORIES BELOW

	TEACHING THE HANDICAPPED		OTHER TEACHING	
	FREQ.	PCT	FREQ.	PCT
LESS THAN 1 YEAR	119	10.0	219	18.4
1 TO 3 YEARS	397	33.3	200	16.8
4 TO 7 YEARS	405	34.0	84	7.1
8 TO 15 YEARS	205	17.2	51	4.3
16 OR MORE YEARS	36	3.0	40	3.4
NONE	3	0.3	189	15.9
INVALID OR NO RESPONSE	26	2.2	408	34.3

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q4 WHAT IS YOUR PRIMARY ROLE THIS SCHOOL YEAR

	FREQ.	PCT
SPECIAL CLASS TEACHER -- ALL SUBJECTS	662	55.6
SPECIAL CLASS TEACHER -- SPECIFIC SUBJECT(S)	191	16.0
REGULAR CLASSROOM TEACHER	86	7.2
DIAGNOSTIC/PRESCRIPTIVE TEACHER	30	2.5
CLINICIAN/THERAPIST/PATHOLOGIST	27	2.3
HOME/HOSPITAL-BOUND TEACHER	19	1.6
RESOURCE ROOM TEACHER	18	1.5
ITINERANT TEACHER	6	0.5
MEDIA SPECIALIST OR LIBRARIAN	4	0.3
ITINERANT RESOURCE PERSON	4	0.3
OTHER	113	9.5
INVALID OR NO RESPONSE	31	2.6

Q5 HOW MANY HANDICAPPED STUDENTS ARE YOU WORKING WITH AT THE PRESENT TIME

	FREQ.	PCT
10 TO 19	454	38.1
5 TO 9	402	33.8
40 OR MORE	128	10.7
20 TO 29	94	7.9
30 TO 39	54	4.5
4 OR FEWER	34	2.9
INVALID OR NO RESPONSE	25	2.1

Q6 IN YOUR TEACHING, HOW DO YOU PRESENTLY SPEND MOST OF YOUR TIME

	FREQ.	PCT
WITH SMALL GROUPS (2 TO 6 STUDENTS)	619	52.0
WITH INDIVIDUAL STUDENTS	350	29.4
WITH LARGER GROUPS (7 OR MORE STUDENTS)	188	15.8
INVALID OR NO RESPONSE	34	2.9

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q7 WHICH CHRONOLOGICAL AGE CATEGORY BELOW BEST DESCRIBES YOUR CURRENT STUDENTS

	FREQ.	PCT
ALL AGES	244	20.5
12 AND OLDER	173	14.5
18 AND OLDER	168	14.1
5 TO 8	135	11.3
9 TO 11	120	10.1
15 TO 17	117	9.8
12 TO 14	81	6.8
4 AND YOUNGER	64	5.4
11 AND YOUNGER	56	4.7
INVALID OR NO RESPONSE	33	2.8

Q8 BY WHICH OF THE FOLLOWING ARE YOU EMPLOYED

	FREQ.	PCT
LOCAL PUBLIC SCHOOL DISTRICT	655	55.0
STATE AGENCY OTHER THAN STATE EDUCATION AGENCY	365	30.6
PRIVATE OR NONPUBLIC AGENCY	17	1.4
OTHER AGENCY	130	10.9
INVALID OR NO RESPONSE	24	2.0

Q9 AT WHAT TYPE OF FACILITY DO YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
SPECIAL EDUCATION SCHOOL (NONRESIDENTIAL)	439	36.9
REGULAR SCHOOL	314	26.4
SPECIAL EDUCATION RESIDENTIAL SCHOOL	211	17.7
DEVELOPMENTAL CENTER	96	8.1
HOSPITAL	43	3.6
CLINIC OR REHABILITATION AGENCY	6	0.5
OTHER FACILITY	61	5.1
INVALID OR NO RESPONSE	21	1.8

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q10 WHAT IS THE TOTAL ENROLLMENT OF THE SCHOOL AT WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
100 TO 249	337	28.3
LESS THAN 100	290	24.3
250 TO 499	290	24.3
500 TO 999	147	12.3
1,000 OR MORE	69	5.8
NOT APPLICABLE	32	2.7
INVALID OR NO RESPONSE	26	2.2

Q11 WHICH BEST DESCRIBES THE TYPE OF COMMUNITY IN WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
TOWN (25,000 OR UNDER)	290	24.3
SMALL CITY (25,000 -- 100,000)	212	17.8
MEDIUM-SIZE CITY (100,000 -- 500,000)	174	14.6
LARGE CITY (500,000 OR LARGER)	152	12.8
RURAL AREA NEAR A LARGE OR MEDIUM-SIZE CITY	127	10.7
SUBURB OF A LARGE OR MEDIUM-SIZE CITY	115	9.7
RURAL AREA NOT NEAR A LARGE OR MEDIUM-SIZE CITY	97	8.1
INVALID OR NO RESPONSE	24	2.0

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RESPONDENT POPULATION 6: TEACHERS OF THE MULTIPLY HANDICAPPED, SEVERELY AND PROFOUNDLY HANDICAPPED, MODERATELY (TRAINABLE) MENTALLY RETARDED, SEVERELY AND PROFOUNDLY MENTALLY RETARDED

SUBSECTION B. ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

THE NEXT SIX PAGES CONTAIN THE ANALYSES OF THE ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS FOR THE RESPONDENT POPULATION ABOVE. PRESENTED FOR EACH QUESTION, 1 THROUGH 9, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. ALL PERCENTAGE CALCULATIONS, EXCEPT THOSE FOR QUESTIONS 7 AND 9, ARE BASED ON THE RESPONDENT POPULATION FREQUENCY IN THE UPPER RIGHT CORNER OF THE PAGE.

FOR QUESTIONS 7 AND 9, THE RESPONDENT BASE IS RESTRICTED IN A MANNER THAT IS EVIDENT FROM READING THE QUESTIONS; I.E., THE RESPONSE TO EACH ALTERNATIVE IN QUESTION 7 IS PREDICATED UPON A RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6. THEREFORE, THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 7 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6, RATHER THAN THE RESPONDENT POPULATION FREQUENCY.

QUESTION 9 IS SIMILARLY CONTINGENT UPON QUESTION 8. THAT IS, A RESPONSE TO A GIVEN ALTERNATIVE FOR QUESTION 9 WAS APPROPRIATE ONLY IF THAT SAME ALTERNATIVE WAS CHOSEN IN QUESTION 8, AND THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 9 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 8.

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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q1 FROM WHICH OF THE FOLLOWING SOURCES DO YOU OBTAIN MOST OF YOUR INFORMATION ABOUT TRAINING OPPORTUNITIES

	FREQ.	PCT
NO SOURCE AVAILABLE	31	2.6
WORKSHOPS AND CONFERENCES	589	49.5
WORD OF MOUTH FROM COLLEAGUES	581	48.8
SUPERVISOR	487	40.9
PROFESSIONAL JOURNALS	289	24.3
COLLEGE BULLETINS AND ANNOUNCEMENTS	286	24.0
DISTRICT NEWSLETTERS/ANNOUNCEMENTS	211	17.7
REGIONAL (IN-STATE) NEWSLETTERS/ANNOUNCEMENTS	179	15.0
STATE NEWSLETTERS/ANNOUNCEMENTS	148	12.4
PUBLISHERS' BROCHURES	104	8.7
NATIONAL NEWSLETTERS/ANNOUNCEMENTS	54	4.5
PUBLIC MEDIA ANNOUNCEMENTS	52	4.4
REGIONAL (MULTI-STATE) NEWSLETTERS/ANNOUNCEMENTS	41	3.4
OTHER	65	5.5

Q2 TO WHAT EXTENT IS EACH OF THE FOLLOWING AN OBSTACLE TO ACQUIRING THE MEDIA AND MATERIALS TRAINING YOU NEED

	GREAT		MODERATE		LITTLE OR NOT AT ALL		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
INSUFFICIENT RELEASED TIME	439	36.9	319	26.8	297	24.9	136	11.4
TOO EXPENSIVE	412	34.6	352	29.6	285	23.9	142	11.9
INCONVENIENT LOCATION OF TRAINING PROGRAMS	376	31.6	370	31.1	297	24.9	148	12.4
INCONVENIENT SCHEDULING OF TRAINING PROGRAMS	359	30.1	423	35.5	265	22.3	144	12.1
LACK OF INFORMATION ABOUT TRAINING OPPORTUNITIES	293	24.6	459	38.5	312	26.2	127	10.7
TRAINING I NEED NOT OFFERED	283	23.8	413	34.7	351	29.5	144	12.1
LACK OF QUALIFIED TRAINERS	220	18.5	368	30.9	406	34.1	197	16.5
NEGATIVE ATTITUDE OF ADMINISTRATORS/OTHER TEACHERS	213	17.9	280	23.5	542	45.5	156	13.1
OTHER	35	2.9	58	4.9	143	12.0	955	80.2

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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q3 HOW ARE YOUR TRAINING NEEDS USUALLY MADE KNOWN TO ADMINISTRATIVE PERSONNEL IN YOUR DISTRICT OR FACILITY

	FREQ.	PCT
REQUEST TO SUPERVISOR	666	55.9
NO REGULAR PROCEDURE TO MAKE TRAINING NEEDS KNOWN	355	29.8
DIRECT REQUEST TO DISTRICT OFFICE	61	5.1
STRUCTURED INTERVIEW/QUESTIONNAIRE	32	2.7
OTHER PROCEDURE	25	2.1
INVALID OR NO RESPONSE	52	4.4

Q4 HAVE PACKAGED TRAINING KITS AND/OR PROGRAMMED MATERIALS PLAYED AN IMPORTANT ROLE IN YOUR TRAINING

	YES		NO		NEVER USED		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
DURING PRESERVICE/IN COLLEGE	344	28.9	400	33.6	350	29.4	97	8.1
DURING INSERVICE	357	30.0	432	36.3	308	25.9	94	7.9
ON YOUR OWN	475	39.9	349	29.3	290	24.3	77	6.5

Q5 HOW VALUABLE WOULD SELF-INSTRUCTIONAL TRAINING KITS BE FOR YOUR TRAINING NEEDS IN EACH OF THE FOLLOWING SKILLS

	OF GREAT VALUE		OF SOME VALUE		OF LITTLE OR NO VALUE		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
MATCHING MEDIA/MATERIALS TO LEARNER NEEDS	679	57.0	378	31.7	95	8.0	39	3.3
DESIGNING MEDIA/MATERIALS	637	53.5	374	31.4	113	9.5	67	5.6
ADAPTING MEDIA/MATERIALS	633	53.1	427	35.9	75	6.3	56	4.7
UTILIZING MEDIA/MATERIALS	512	43.0	496	41.6	114	9.6	69	5.8
SELECTING/EVALUATING MEDIA/MATERIALS	473	39.7	530	44.5	143	12.0	45	3.8
REPAIRING MEDIA AND EQUIPMENT	281	23.6	473	39.7	354	29.7	83	7.0

TEACHERS OF MULTIPLY HANDICAPPED
SEVERELY AND PROFOUNDLY HANDICAPPED
MODERATELY (TRAINABLE) MENTALLY RETARDED
SEVERELY AND PROFOUNDLY MENTALLY RETARDED

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Q6 WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
HOW TO SELECT MEDIA AND MATERIALS ACCORDING TO SPECIFIC LEARNING OBJECTIVES FOR	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
SOCIAL/PERSONAL DEVELOPMENT	911	76.5	301	33.0	139	15.3	398	43.7	30	3.3
LANGUAGE/SPEECH DEVELOPMENT	844	70.9	381	45.1	157	18.6	221	26.2	54	6.4
COGNITIVE DEVELOPMENT	836	70.2	457	54.7	120	14.4	193	23.1	26	3.1
PSYCHOMOTOR DEVELOPMENT	740	62.1	307	41.5	175	23.6	167	22.6	55	7.4
ACADEMIC DEVELOPMENT	588	49.4	355	60.4	60	10.2	131	22.3	9	1.5
HOW TO SELECT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	1061	89.1	430	40.5	147	13.9	402	37.9	27	2.5
PUPIL INTEREST LEVEL	754	63.3	215	28.5	80	10.6	391	51.9	33	4.4
PUPIL RESPONSE MODE	694	58.3	226	32.6	101	14.6	276	39.8	51	7.3
PUPIL SENSORY INPUT MODE	640	53.7	248	38.8	103	16.1	195	30.5	61	9.5
PUPIL CULTURAL BACKGROUND	269	22.6	63	23.4	32	11.9	130	48.3	25	9.3
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	991	83.2	341	34.4	136	13.7	410	41.4	39	3.9
SPECIFIC LEARNING OBJECTIVES	862	72.4	363	42.1	195	22.6	228	26.5	33	3.8
PUPIL INTEREST LEVEL	684	57.4	180	26.3	73	10.7	360	52.6	30	4.4
PUPIL RESPONSE MODE	642	53.9	187	29.1	85	13.2	275	42.8	60	9.3
PUPIL SENSORY INPUT MODE	590	49.5	198	33.6	95	16.1	202	34.2	61	10.3
PUPIL CULTURAL BACKGROUND	248	20.8	55	22.2	25	10.1	126	50.8	28	11.3
HOW TO										
EVALUATE EFFECTIVENESS OF MEDIA/MATERIALS	776	65.2	238	30.7	122	15.7	286	36.9	99	12.8
COORDINATE TWO OR MORE KINDS OF MATERIALS	548	46.0	121	22.1	45	8.2	287	52.4	67	12.2
TRAIN PARENTS IN USE OF CHILD INSTR. MTRLS	483	40.6	35	7.2	67	13.9	155	32.1	187	38.7
USE INSTR. MATERIALS/LEARNING RESOURCE CENTER	468	39.3	134	28.6	125	26.7	119	25.4	59	12.6
INTERPRET RESEARCH ON MEDIA/MATERIALS	315	26.4	132	41.9	37	11.7	69	21.9	57	18.1
PREPARE MULTIMEDIA KITS	292	24.5	65	22.3	31	10.6	89	30.5	90	30.8
PLAN/IMPLEMENT A MULTIMEDIA PRESENTATION	268	22.5	73	27.2	32	11.9	85	31.7	59	22.0
USE A COMPUTER TO DIAGNOSE LEARNER NEEDS	145	12.2	8	5.5	13	9.0	3	2.1	104	71.7
USE A COMPUTER TO MONITOR PUPIL PROGRESS	111	9.3	8	7.2	13	11.7	4	3.6	78	70.3
USE A COMPUTER TO OBTAIN MATERIALS INFO.	110	9.2	13	11.8	10	9.1	5	4.5	73	66.4

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

TEACHERS OF MULTIPLY HANDICAPPED
SEVERELY AND PROFOUNDLY HANDICAPPED
MODERATELY (TRAINABLE) MENTALLY RETARDED
SEVERELY AND PROFOUNDLY MENTALLY RETARDED

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Q6 (CONTINUED) WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 (CONTINUED) FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES										
MATERIALS FOR INDEPENDENT CHILD USE	569	47.8	114	20.0	75	13.2	259	45.5	73	12.8
ADAPTIVE EQUIPMENT	464	39.0	72	15.5	128	27.6	164	35.3	65	14.0
MEDIA HARDWARE AND EQUIPMENT	411	34.5	133	32.4	91	22.1	129	31.4	32	7.8
PROGRAMMED INSTRUCTIONAL MATERIALS	368	30.9	91	24.7	79	21.5	121	32.9	44	12.0
MULTIMEDIA KITS	273	22.9	61	22.3	49	17.9	86	31.5	56	20.5
HOW TO MAKE										
TACTILE MATERIALS	639	53.7	171	26.8	79	12.4	270	42.3	79	12.4
AUDIO-VISUAL MATERIALS	470	39.5	199	42.3	74	15.7	115	24.5	50	10.6
A MASTER FOR REPRODUCTION UNITS	458	38.5	154	33.6	61	13.3	187	40.8	30	6.6
GRAPHICS (E.G., CHARTS, FLASH CARDS)	394	33.1	139	35.3	31	7.9	183	46.4	18	4.6
AUDIO MATERIALS	324	27.2	126	38.9	41	12.7	95	29.3	43	13.3
EXHIBITS	148	12.4	40	27.0	11	7.4	64	43.2	19	12.8
HOW TO OPERATE										
TAPE RECORDER	550	46.2	138	25.1	47	8.5	318	57.8	16	2.9
FILMSTRIP PROJECTOR	503	42.2	199	39.6	67	13.3	192	38.2	15	3.0
FILM PROJECTOR	460	38.6	193	42.0	64	13.9	145	31.5	25	5.4
DRY MOUNT PRESS/LAMINATOR	301	25.3	78	25.9	78	25.9	57	18.9	66	21.9
VIDEOTAPE EQUIPMENT	283	23.8	54	19.1	69	24.4	45	15.9	88	31.1
UNIQUE TEACHING MACHINES	254	21.3	29	11.4	58	22.8	58	22.8	83	32.7
STILL PHOTOGRAPHIC EQUIPMENT	181	15.2	24	13.3	14	7.7	87	48.1	34	18.8
SPECIALIZED EQUIPMENT (E.G., OPTACON)	165	13.9	30	18.2	35	21.2	19	11.5	65	39.4
MOTION PICTURE CAMERA	111	9.3	16	14.4	7	6.3	30	27.0	41	36.9
COMPUTER-BASED INSTRUCTIONAL EQUIPMENT	106	8.9	7	6.6	9	8.5	6	5.7	67	63.2

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

TEACHERS OF MULTIPLY HANDICAPPED
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Q8 FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 8, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

	Q8		PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO SPECIFIC OBJECTIVES FOR	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
LANGUAGE/SPEECH DEVEL.	545	45.8	51	9.4	9	1.7	92	16.9	87	16.0	20	3.7	176	32.3	12	2.2	80	14.7
SOCIAL/PERSONAL DEVEL.	514	43.2	34	6.6	9	1.8	59	11.5	67	13.0	15	2.9	97	18.9	13	2.5	181	35.2
COGNITIVE DEVELOPMENT	383	32.2	30	7.8	11	2.9	36	9.4	52	13.6	16	4.2	139	36.3	8	2.1	74	19.3
PSYCHOMOTOR DEVELOP.	345	29.0	16	4.6	8	2.3	52	15.1	56	16.2	21	6.1	97	28.1	4	1.2	66	19.1
ACADEMIC DEVELOPMENT	238	20.0	23	9.7	12	5.0	11	4.6	32	13.4	10	4.2	82	34.5	8	3.4	41	17.2
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO																		
PUPIL FUNCTIONAL LEVEL	478	40.1	41	8.6	28	5.9	32	6.7	48	10.0	11	2.3	97	20.3	22	4.6	173	36.2
PUPIL INTEREST LEVEL	225	18.9	23	10.2	5	2.2	10	4.4	19	8.4	8	3.6	34	15.1	11	4.9	101	44.9
PUPIL INPUT MODE	185	15.5	11	5.9	2	1.1	27	14.6	27	14.6	8	4.3	53	28.6	12	6.5	35	18.9
PUPIL RESPONSE MODE	153	12.8	9	5.9	3	2.0	16	10.5	25	16.3	2	1.3	32	20.9	7	4.6	51	33.3
PUPIL CULT. BACKGROUND	54	4.5	3	5.6	1	1.9	4	7.4	7	13.0	2	3.7	5	9.3	1	1.9	22	40.7
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO																		
PUPIL FUNCTIONAL LEVEL	394	33.1	39	9.9	21	5.3	25	6.3	50	12.7	10	2.5	91	23.1	14	3.6	122	31.0
SPECIFIC LRNG OBJCTVS.	354	29.7	51	14.4	34	9.6	22	6.2	49	13.8	15	4.2	87	24.6	10	2.8	68	19.2
PUPIL INPUT MODE	179	15.0	14	7.8	7	3.9	18	10.1	29	16.2	10	5.6	60	33.5	7	3.9	29	16.2
PUPIL INTEREST LEVEL	165	13.9	15	9.1	7	4.2	8	4.8	20	12.1	4	2.4	27	16.4	9	5.5	61	37.0
PUPIL RESPONSE MODE	157	13.2	17	10.8	4	2.5	19	12.1	20	12.7	4	2.5	38	24.2	4	2.5	39	24.8
PUPIL CULT. BACKGROUND	34	2.9	4	11.8	1	2.9	4	11.8	5	14.7	1	2.9	5	14.7	2	5.9	9	26.5
HOW TO																		
EVAL. MEDIA/MATERIALS	279	23.4	33	11.8	21	7.5	19	6.8	37	13.3	15	5.4	58	20.8	25	9.0	61	21.9
TRAIN PARENTS IN MTRLS	248	20.8	24	9.7	18	7.3	29	11.7	54	21.8	19	7.7	46	18.5	4	1.6	41	16.5
PREPARE MULTIMEDIA KITS	127	10.7	14	11.0	4	3.1	11	8.7	27	21.3	6	4.7	23	18.1	17	13.4	15	11.8
USE LRNG RESOURCE CTR	124	10.4	12	9.7	20	16.1	7	5.6	33	26.6	6	4.8	14	11.3	5	4.0	18	14.5
COORD. TWO/MORE MTRLS	120	10.1	10	8.3	8	6.7	10	8.3	24	20.0	4	3.3	19	15.8	7	5.8	30	25.0
INTERPRET M/M RESEARCH	93	7.8	5	5.4	6	6.5	4	4.3	23	24.7	2	2.2	33	35.5	4	4.3	10	10.8
USE COMPUTER TO DIAG.	91	7.6	5	5.5	1	1.1	22	24.2	14	15.4	3	3.3	13	14.3	21	23.1	5	5.5
PLAN MULTIMEDIA PRES.	72	6.0	6	8.3	2	2.8	4	5.6	14	19.4	7	9.7	16	22.2	11	15.3	9	12.5
USE COMPUTER TO MONITOR	60	5.0	5	8.3	3	5.0	11	18.3	5	8.3	3	5.0	11	18.3	9	15.0	5	8.3
USE COMPUTER FOR INFO	57	4.8	7	12.3	2	3.5	6	10.5	9	15.8	5	8.8	11	19.3	8	14.0	4	7.0

TEACHERS OF MULTIPLY HANDICAPPED
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Q8 (CONTINUED) FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 (CONTINUED) FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 8, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

	Q8		PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
INDEP. CHILD USE MTRLS	178	14.9	17	9.6	9	5.1	12	6.7	27	15.2	9	5.1	28	15.7	31	17.4	28	15.7
ADAPTIVE EQUIPMENT	161	13.5	17	10.6	9	5.6	35	21.7	21	13.0	6	3.7	18	11.2	25	15.5	23	14.3
PROGRAMMED MATERIALS	97	8.1	6	6.2	5	5.2	12	12.4	20	20.6	4	4.1	10	10.3	25	25.8	8	8.2
MULTIMEDIA KITS	67	5.6	6	9.0	3	4.5	6	9.0	11	16.4	4	6.0	10	14.9	17	25.4	1	1.5
MEDIA HARDWARE/EQUIP.	66	5.5	15	22.7	5	7.6	6	9.1	8	12.1	3	4.5	5	7.6	13	19.7	5	7.6
HOW TO MAKE																		
AUDIO-VISUAL MATERIALS	117	9.8	11	9.4	7	6.0	11	9.4	20	17.1	2	1.7	23	19.7	21	17.9	15	12.8
TACTILE MATERIALS	109	9.2	17	15.6	9	8.3	13	11.9	21	19.3	2	1.8	26	23.9	5	4.6	9	8.3
AUDIO MATERIALS	42	3.5	2	4.8	2	4.8	5	11.9	7	16.7	1	2.4	9	21.4	7	16.7	5	11.9
REPRODUCTION MASTERS	41	3.4	6	14.6	2	4.9	2	4.9	4	9.8	0	0.0	5	12.2	7	17.1	12	29.3
GRAPHICS (E.G., CHARTS)	35	2.9	5	14.3	3	8.6	4	11.4	6	17.1	0	0.0	6	17.1	5	14.3	5	14.3
EXHIBITS	14	1.2	1	7.1	0	0.0	2	14.3	3	21.4	1	7.1	3	21.4	1	7.1	2	14.3
HOW TO OPERATE																		
UNIQUE TCHNG MACHINES	80	6.7	3	3.8	5	6.3	11	13.8	10	12.5	0	0.0	9	11.3	31	38.8	7	8.8
VIDEOTAPE EQUIPMENT	79	6.6	12	15.2	10	12.7	9	11.4	9	11.4	2	2.5	6	7.6	18	22.8	10	12.7
COMPUTER-BASED EQUIP.	52	4.4	1	1.9	2	3.8	7	13.5	5	9.6	0	0.0	13	25.0	16	30.8	5	9.6
DRY MOUNT/LAMINATOR	49	4.1	4	8.2	2	4.1	3	6.1	5	10.2	1	2.0	5	10.2	16	32.7	10	20.4
SPECIALIZED EQUIPMENT	48	4.0	1	2.1	3	6.3	10	20.8	6	12.5	1	2.1	8	16.7	13	27.1	1	2.1
FILM PROJECTOR	25	2.1	5	20.0	4	16.0	1	4.0	4	16.0	1	4.0	1	4.0	1	4.0	6	24.0
TAPE RECORDER	24	2.0	6	25.0	1	4.2	1	4.2	3	12.5	1	4.2	2	8.3	1	4.2	6	25.0
STILL PHOTOG. EQUIP.	23	1.9	2	8.7	1	4.3	2	8.7	5	21.7	0	0.0	2	8.7	6	26.1	3	13.0
FILMSTRIP PROJECTOR	21	1.8	3	14.3	1	4.8	1	4.8	3	14.3	0	0.0	2	9.5	1	4.8	8	38.1
MOTION PICTURE CAMERA	17	1.4	3	17.6	0	0.0	1	5.9	1	5.9	0	0.0	3	17.6	6	35.3	3	17.6

USERS' GUIDE TO NNA ANALYSIS

SECTION III. TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

RESPONDENT POPULATION 6: TEACHERS OF THE MULTIPLY HANDICAPPED, SEVERELY AND PROFOUNDLY HANDICAPPED, MODERATELY (TRAINABLE) MENTALLY RETARDED, SEVERELY AND PROFOUNDLY MENTALLY RETARDED

SUBSECTION C. DEMOGRAPHIC DESCRIPTION OF THE SUBGROUP OF PUBLIC SCHOOL TEACHERS

ON THE FOLLOWING FOUR PAGES IS A DEMOGRAPHIC DESCRIPTION OF THE SUBGROUP OF PUBLIC SCHOOL TEACHERS FROM THE RESPONDENT POPULATION ABOVE. FOR PURPOSES OF THE ANALYSES IN THIS AND THE NEXT SUBSECTION (D), "PUBLIC SCHOOL TEACHER" IS DEFINED AS A RESPONDENT WHO INDICATED IN THE DEMOGRAPHIC SECTION (PAGE 11) OF THE QUESTIONNAIRE THAT HE IS EMPLOYED BY EITHER THE LOCAL PUBLIC SCHOOL DISTRICT OR A STATE AGENCY OTHER THAN THE STATE EDUCATION AGENCY (QUESTION 8) AND THAT HE WORKS PRIMARILY AT EITHER A REGULAR SCHOOL OR A NONRESIDENTIAL SPECIAL EDUCATION SCHOOL (QUESTION 9).

THE SUBGROUP IDENTIFICATION APPEARS IN THE UPPER RIGHT CORNER OF THE PAGE, OPPOSITE THE RESPONDENT POPULATION DESCRIPTION. BELOW IT APPEARS THE NUMBER OF RESPONDENTS IN THIS SUBGROUP. PRESENTED FOR EACH QUESTION, 2 THROUGH 11, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. ALL PERCENTAGE CALCULATIONS ARE BASED ON THE NUMBER OF RESPONDENTS IN THE SUBGROUP. (NOTE: QUESTION 1 CONSISTED OF A ZIP CODE IDENTIFIER WHICH WAS USED ONLY TO CLASSIFY RESPONDENTS BY STATE.)

TEACHERS OF MULTIPLY HANDICAPPED
SEVERELY AND PROFOUNDLY HANDICAPPED
MODERATELY (TRAINABLE) MENTALLY RETARDED
SEVERELY AND PROFOUNDLY MENTALLY RETARDED

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q2 WHAT IS YOUR HIGHEST LEVEL OF FORMAL EDUCATION IN EACH OF THE THREE CATEGORIES BELOW

	IN CURRENT TEACHING SPECIALTY		IN OTHER EDUCATION-RELATED SPECIALTY		IN OTHER FIELD	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
SOME COLLEGE COURSES	47	7.1	87	13.1	122	18.4
BACHELOR'S DEGREE	139	21.0	163	24.6	76	11.5
WORK BEYOND THE B.A.	229	34.6	129	19.5	46	6.9
MASTER'S DEGREE	111	16.8	48	7.3	7	1.1
WORK BEYOND THE M.A.	76	11.5	29	4.4	12	1.8
PH.D., ED.D.	2	0.3	0	0.0	0	0.0
NONE	12	1.8	29	4.4	101	15.3
INVALID OR NO RESPONSE	46	6.9	177	26.7	298	45.0

Q3 WHAT IS THE EXTENT OF YOUR PROFESSIONAL EXPERIENCE IN EACH OF THE TWO CATEGORIES BELOW

	TEACHING THE HANDICAPPED		OTHER TEACHING	
	FREQ.	PCT	FREQ.	PCT
LESS THAN 1 YEAR	53	8.0	111	16.8
1 TO 3 YEARS	209	31.6	121	18.3
4 TO 7 YEARS	248	37.5	46	6.9
8 TO 15 YEARS	124	18.7	31	4.7
16 OR MORE YEARS	22	3.3	25	3.8
NONE	2	0.3	113	17.1
INVALID OR NO RESPONSE	4	0.6	215	32.5

TEACHERS OF MULTIPLY HANDICAPPED
SEVERELY AND PROFOUNDLY HANDICAPPED
MODERATELY (TRAINABLE) MENTALLY RETARDED
SEVERELY AND PROFOUNDLY MENTALLY RETARDED

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q4 WHAT IS YOUR PRIMARY ROLE THIS SCHOOL YEAR

	FREQ.	PCT
SPECIAL CLASS TEACHER -- ALL SUBJECTS	426	64.4
SPECIAL CLASS TEACHER -- SPECIFIC SUBJECT(S)	99	15.0
REGULAR CLASSROOM TEACHER	41	6.2
RESOURCE ROOM TEACHER	16	2.4
CLINICIAN/THERAPIST/PATHOLOGIST	15	2.3
DIAGNOSTIC/PRESCRIPTIVE TEACHER	11	1.7
ITINERANT TEACHER	5	0.8
HOME/HOSPITAL-BOUND TEACHER	4	0.6
MEDIA SPECIALIST OR LIBRARIAN	2	0.3
ITINERANT RESOURCE PERSON	1	0.2
OTHER	36	5.4
INVALID OR NO RESPONSE	6	0.9

Q5 HOW MANY HANDICAPPED STUDENTS ARE YOU WORKING WITH AT THE PRESENT TIME

	FREQ.	PCT
10 TO 19	265	40.0
5 TO 9	255	38.5
40 OR MORE	59	8.9
20 TO 29	36	5.4
30 TO 39	25	3.8
4 OR FEWER	18	2.7
INVALID OR NO RESPONSE	4	0.6

Q6 IN YOUR TEACHING, HOW DO YOU PRESENTLY SPEND MOST OF YOUR TIME

	FREQ.	PCT
WITH SMALL GROUPS (2 TO 6 STUDENTS)	360	54.4
WITH INDIVIDUAL STUDENTS	179	27.0
WITH LARGER GROUPS (7 OR MORE STUDENTS)	112	16.9
INVALID OR NO RESPONSE	11	1.7

TEACHERS OF MULTIPLY HANDICAPPED
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MODERATELY (TRAINABLE) MENTALLY RETARDED
SEVERELY AND PROFOUNDLY MENTALLY RETARDED

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Q7 WHICH CHRONOLOGICAL AGE CATEGORY BELOW BEST DESCRIBES YOUR CURRENT STUDENTS

	FREQ.	PCT
ALL AGES	120	18.1
5 TO 8	100	15.1
12 AND OLDER	98	14.8
9 TO 11	87	13.1
15 TO 17	66	10.0
12 TO 14	51	7.7
18 AND OLDER	43	6.5
11 AND YOUNGER	43	6.5
4 AND YOUNGER	38	5.7
INVALID OR NO RESPONSE	16	2.4

Q8 BY WHICH OF THE FOLLOWING ARE YOU EMPLOYED

	FREQ.	PCT
LOCAL PUBLIC SCHOOL DISTRICT	579	87.5
STATE AGENCY OTHER THAN STATE EDUCATION AGENCY	83	12.5
PRIVATE OR NONPUBLIC AGENCY	0	0.0
OTHER AGENCY	0	0.0
INVALID OR NO RESPONSE	0	0.0

Q9 AT WHAT TYPE OF FACILITY DO YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
SPECIAL EDUCATION SCHOOL (NONRESIDENTIAL)	369	55.7
REGULAR SCHOOL	293	44.3
SPECIAL EDUCATION RESIDENTIAL SCHOOL	0	0.0
DEVELOPMENTAL CENTER	0	0.0
CLINIC OR REHABILITATION AGENCY	0	0.0
HOSPITAL	0	0.0
OTHER FACILITY	0	0.0
INVALID OR NO RESPONSE	0	0.0

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Q10 WHAT IS THE TOTAL ENROLLMENT OF THE SCHOOL AT WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
LESS THAN 100	184	27.8
100 TO 249	180	27.2
250 TO 499	168	25.4
500 TO 999	79	11.9
1,000 OR MORE	38	5.7
NOT APPLICABLE	8	1.2
INVALID OR NO RESPONSE	5	0.8

Q11 WHICH BEST DESCRIBES THE TYPE OF COMMUNITY IN WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
TOWN (25,000 OR UNDER)	152	23.0
SMALL CITY (25,000 -- 100,000)	121	18.3
MEDIUM-SIZE CITY (100,000 -- 500,000)	109	16.5
LARGE CITY (500,000 OR LARGER)	94	14.2
RURAL AREA NEAR A LARGE OR MEDIUM-SIZE CITY	70	10.6
SUBURB OF A LARGE OR MEDIUM-SIZE CITY	61	9.2
RURAL AREA NOT NEAR A LARGE OR MEDIUM-SIZE CITY	51	7.7
INVALID OR NO RESPONSE	4	0.6

USERS' GUIDE TO NNA ANALYSIS

SECTION III. TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

RESPONDENT POPULATION 6: TEACHERS OF THE MULTIPLY HANDICAPPED, SEVERELY AND PROFOUNDLY HANDICAPPED, MODERATELY (TRAINABLE) MENTALLY RETARDED, SEVERELY AND PROFOUNDLY MENTALLY RETARDED

SUBSECTION D. ANALYSIS OF ITEMS ON TRAINING FOR THE SUBGROUP OF PUBLIC SCHOOL TEACHERS

THE NEXT SIX PAGES CONTAIN THE ANALYSES OF THE ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS FOR THE SUBGROUP OF PUBLIC SCHOOL TEACHERS FROM THE RESPONDENT POPULATION ABOVE. (THE TERM "PUBLIC SCHOOL TEACHER" IS DEFINED IN THE INTRODUCTION TO SUBSECTION C.) THIS SUBGROUP IS INDICATED IN THE UPPER RIGHT CORNER OF THE PAGE, OPPOSITE THE DESCRIPTION OF THE RESPONDENT POPULATION. BELOW IT APPEARS THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

PRESENTED FOR EACH QUESTION, 1 THROUGH 9, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. ALL PERCENTAGE CALCULATIONS, EXCEPT THOSE FOR QUESTIONS 7 AND 9, ARE BASED ON THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

FOR QUESTIONS 7 AND 9, THE RESPONDENT BASE IS RESTRICTED IN A MANNER THAT IS EVIDENT FROM READING THE QUESTIONS; I.E., THE RESPONSE TO EACH ALTERNATIVE IN QUESTION 7 IS PREDICATED UPON A RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6. THEREFORE, THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 7 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6, RATHER THAN THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

QUESTION 9 IS SIMILARLY CONTINGENT UPON QUESTION 8. THAT IS, A RESPONSE TO A GIVEN ALTERNATIVE FOR QUESTION 9 WAS APPROPRIATE ONLY IF THAT SAME ALTERNATIVE WAS CHOSEN IN QUESTION 8, AND THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 9 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 8.

TEACHERS OF MULTIPLY HANDICAPPED
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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q1 FROM WHICH OF THE FOLLOWING SOURCES DO YOU OBTAIN MOST OF YOUR INFORMATION ABOUT TRAINING OPPORTUNITIES

	FREQ.	PCT
NO SOURCE AVAILABLE	16	2.4
WORKSHOPS AND CONFERENCES	335	50.6
WORD OF MOUTH FROM COLLEAGUES	308	46.5
SUPERVISOR	244	36.9
PROFESSIONAL JOURNALS	176	26.6
COLLEGE BULLETINS AND ANNOUNCEMENTS	170	25.7
DISTRICT NEWSLETTERS/ANNOUNCEMENTS	150	22.7
REGIONAL (IN-STATE) NEWSLETTERS/ANNOUNCEMENTS	123	18.6
STATE NEWSLETTERS/ANNOUNCEMENTS	84	12.7
PUBLISHERS' BROCHURES	58	8.8
REGIONAL (MULTI-STATE) NEWSLETTERS/ANNOUNCEMENTS	23	3.5
NATIONAL NEWSLETTERS/ANNOUNCEMENTS	23	3.5
PUBLIC MEDIA ANNOUNCEMENTS	22	3.3
OTHER	30	4.5

Q2 TO WHAT EXTENT IS EACH OF THE FOLLOWING AN OBSTACLE TO ACQUIRING THE MEDIA AND MATERIALS TRAINING YOU NEED

	GREAT		MODERATE		LITTLE OR NOT AT ALL		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
INSUFFICIENT RELEASED TIME	261	39.4	168	25.4	155	23.4	78	11.8
TOO EXPENSIVE	218	32.9	205	31.0	153	23.1	86	13.0
INCONVENIENT LOCATION OF TRAINING PROGRAMS	205	31.0	215	32.5	154	23.3	88	13.3
INCONVENIENT SCHEDULING OF TRAINING PROGRAMS	200	30.2	250	37.8	138	20.8	74	11.2
TRAINING I NEED NOT OFFERED	160	24.2	241	36.4	182	27.5	79	11.9
LACK OF INFORMATION ABOUT TRAINING OPPORTUNITIES	153	23.1	258	39.0	180	27.2	71	10.7
LACK OF QUALIFIED TRAINERS	136	20.5	197	29.8	219	33.1	110	16.6
NEGATIVE ATTITUDE OF ADMINISTRATORS/OTHER TEACHERS	129	19.5	149	22.5	295	44.6	89	13.4
OTHER	19	2.9	35	5.3	69	10.4	539	81.4

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Q3 HOW ARE YOUR TRAINING NEEDS USUALLY MADE KNOWN TO ADMINISTRATIVE PERSONNEL IN YOUR DISTRICT OR FACILITY

	FREQ.	PCT
REQUEST TO SUPERVISOR	344	52.0
NO REGULAR PROCEDURE TO MAKE TRAINING NEEDS KNOWN	223	33.7
DIRECT REQUEST TO DISTRICT OFFICE	42	6.3
STRUCTURED INTERVIEW/QUESTIONNAIRE	20	3.0
OTHER PROCEDURE	10	1.5
INVALID OR NO RESPONSE	23	3.5

Q4 HAVE PACKAGED TRAINING KITS AND/OR PROGRAMMED MATERIALS PLAYED AN IMPORTANT ROLE IN YOUR TRAINING

	YES		NO		NEVER USED		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
DURING PRESERVICE/IN COLLEGE	182	27.5	236	35.6	195	29.5	49	7.4
DURING INSERVICE	191	28.9	244	36.9	177	26.7	50	7.6
ON YOUR OWN	275	41.5	191	28.9	158	23.9	38	5.7

Q5 HOW VALUABLE WOULD SELF-INSTRUCTIONAL TRAINING KITS BE FOR YOUR TRAINING NEEDS IN EACH OF THE FOLLOWING SKILLS

	OF GREAT VALUE		OF SOME VALUE		OF LITTLE OR NO VALUE		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
MATCHING MEDIA/MATERIALS TO LEARNER NEEDS	379	57.3	218	32.9	51	7.7	14	2.1
DESIGNING MEDIA/MATERIALS	350	52.9	206	31.1	65	9.8	41	6.2
ADAPTING MEDIA/MATERIALS	345	52.1	241	36.4	44	6.6	32	4.8
UTILIZING MEDIA/MATERIALS	286	43.2	278	42.0	66	10.0	32	4.8
SELECTING/EVALUATING MEDIA/MATERIALS	257	38.8	300	45.3	85	12.8	20	3.0
REPAIRING MEDIA AND EQUIPMENT	151	22.8	263	39.7	206	31.1	42	6.3

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Q6 WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
HOW TO SELECT MEDIA AND MATERIALS ACCORDING TO SPECIFIC LEARNING OBJECTIVES FOR										
SOCIAL/PERSONAL DEVELOPMENT	517	78.1	150	29.0	80	15.5	240	46.4	18	3.5
LANGUAGE/SPEECH DEVELOPMENT	495	74.8	231	46.7	84	17.0	136	27.5	29	5.9
COGNITIVE DEVELOPMENT	481	72.7	275	57.2	64	13.3	102	21.2	14	2.9
PSYCHOMOTOR DEVELOPMENT	411	62.1	187	45.5	89	21.7	94	22.9	24	5.8
ACADEMIC DEVELOPMENT	361	54.5	222	61.5	35	9.7	77	21.3	3	0.8
HOW TO SELECT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	595	89.9	251	42.2	76	12.8	222	37.3	15	2.5
PUPIL INTEREST LEVEL	425	64.2	119	28.0	40	9.4	231	54.4	15	3.5
PUPIL RESPONSE MODE	377	56.9	135	35.8	46	12.2	144	38.2	28	7.4
PUPIL SENSORY INPUT MODE	353	53.3	147	41.6	47	13.3	108	30.6	32	9.1
PUPIL CULTURAL BACKGROUND	183	27.6	40	21.9	21	11.5	93	50.8	17	9.3
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	566	85.5	211	37.3	65	11.5	227	40.1	25	4.4
SPECIFIC LEARNING OBJECTIVES	505	76.3	233	46.1	107	21.2	118	23.4	23	4.6
PUPIL INTEREST LEVEL	395	59.7	111	28.1	38	9.6	205	51.9	19	4.8
PUPIL RESPONSE MODE	357	53.9	119	33.3	46	12.9	149	41.7	27	7.6
PUPIL SENSORY INPUT MODE	323	48.8	122	37.8	42	13.0	111	34.4	33	10.2
PUPIL CULTURAL BACKGROUND	170	25.7	42	24.7	13	7.6	91	53.5	16	9.4
HOW TO										
EVALUATE EFFECTIVENESS OF MEDIA/MATERIALS	452	68.3	139	30.8	63	13.9	183	40.5	55	12.2
TRAIN PARENTS IN USE OF CHILD INSTR. MTRLS	330	49.8	23	7.0	47	14.2	108	32.7	122	37.0
COORDINATE TWO OR MORE KINDS OF MATERIALS	327	49.4	75	22.9	21	6.4	184	56.3	32	9.8
USE INSTR. MATERIALS/LEARNING RESOURCE CENTER	279	42.1	81	29.0	74	26.5	75	26.9	32	11.5
INTERPRET RESEARCH ON MEDIA/MATERIALS	173	26.1	83	48.0	16	9.2	37	21.4	28	16.2
PREPARE MULTIMEDIA KITS	173	26.1	40	23.1	17	9.8	55	31.8	55	31.8
PLAN/IMPLEMENT A MULTIMEDIA PRESENTATION	158	23.9	52	32.9	18	11.4	49	31.0	29	18.4
USE A COMPUTER TO DIAGNOSE LEARNER NEEDS	79	11.9	4	5.1	5	6.3	2	2.5	58	73.4
USE A COMPUTER TO OBTAIN MATERIALS INFO.	63	9.5	8	12.7	8	12.7	1	1.6	42	66.7
USE A COMPUTER TO MONITOR PUPIL PROGRESS	62	9.4	3	4.8	7	11.3	3	4.8	43	69.4

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

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Q6 (CONTINUED) WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 (CONTINUED) FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES										
MATERIALS FOR INDEPENDENT CHILD USE	357	53.9	74	20.7	51	14.3	157	44.0	44	12.3
MEDIA HARDWARE AND EQUIPMENT	249	37.6	87	34.9	[illegible]	20.5	76	30.5	20	8.0
ADAPTIVE EQUIPMENT	244	36.9	45	18.4	52	21.3	93	38.1	35	14.3
PROGRAMMED INSTRUCTIONAL MATERIALS	239	36.1	61	25.5	45	18.8	83	34.7	29	12.1
MULTIMEDIA KITS	171	25.8	36	21.1	28	16.4	62	36.3	32	18.7
HOW TO MAKE										
TACTILE MATERIALS	365	55.1	105	28.8	40	11.0	157	43.0	45	12.3
A MASTER FOR REPRODUCTION UNITS	304	45.9	100	32.9	39	12.8	133	43.8	15	4.9
AUDIO-VISUAL MATERIALS	283	42.7	131	46.3	45	15.9	67	23.7	23	8.1
GRAPHICS (E.G., CHARTS, FLASH CARDS)	240	36.3	88	36.7	22	9.2	111	46.3	6	2.5
AUDIO MATERIALS	201	30.4	87	43.3	25	12.4	58	28.9	22	10.9
EXHIBITS	88	13.3	27	30.7	5	5.7	38	43.2	11	12.5
HOW TO OPERATE										
TAPE RECORDER	338	51.1	88	26.0	24	7.1	200	59.2	8	2.4
FILMSTRIP PROJECTOR	311	47.0	132	42.4	32	10.3	124	39.9	6	1.9
FILM PROJECTOR	286	43.2	129	45.1	27	9.4	99	34.6	12	4.2
DRY MOUNT PRESS/LAMINATOR	194	29.3	47	24.2	54	27.8	46	23.7	37	19.1
VIDEOTAPE EQUIPMENT	178	26.9	37	20.8	44	24.7	30	16.9	48	[illegible]
UNIQUE TEACHING MACHINES	171	25.8	21	12.3	30	17.5	51	29.8	51	29.8
STILL PHOTOGRAPHIC EQUIPMENT	102	15.4	9	8.8	7	6.9	52	51.0	19	18.6
SPECIALIZED EQUIPMENT (E.G., OPTACON)	102	15.4	17	16.7	23	22.5	13	12.7	40	39.2
MOTION PICTURE CAMERA	71	10.7	8	11.3	5	7.0	25	35.2	23	32.4
COMPUTER-BASED INSTRUCTIONAL EQUIPMENT	55	8.3	6	10.9	3	5.5	4	7.3	32	58.2

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

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Q8 FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 8, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

	Q8		PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO SPECIFIC OBJECTIVES FOR	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
LANGUAGE/SPEECH DEVEL.	308	46.5	30	9.7	6	1.9	52	16.9	60	19.5	9	2.9	89	28.9	5	1.6	44	14.3
SOCIAL/PERSONAL DEVEL.	289	43.7	17	5.9	6	2.1	36	12.5	40	13.8	7	2.4	52	18.0	7	2.4	104	36.0
COGNITIVE DEVELOPMENT	207	31.3	14	6.8	7	3.4	20	9.7	26	12.6	9	4.3	79	38.2	1	0.5	38	18.4
PSYCHOMOTOR DEVELOP.	185	27.9	10	5.4	5	2.7	30	16.2	31	16.8	9	4.9	55	29.7	2	1.1	30	16.2
ACADEMIC DEVELOPMENT	149	22.5	14	9.4	9	6.0	6	4.0	22	14.8	6	4.0	50	33.6	4	2.7	26	17.4
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO																		
PUPIL FUNCTIONAL LEVEL	262	39.6	21	8.0	17	6.5	14	5.3	30	11.5	4	1.5	52	19.8	11	4.2	98	37.4
PUPIL INTEREST LEVEL	115	17.4	9	7.8	2	1.7	7	6.1	12	10.4	3	2.6	14	12.2	7	6.1	53	46.1
PUPIL INPUT MODE	96	14.5	5	5.2	1	1.0	18	18.8	19	19.8	4	4.2	24	25.0	8	8.3	12	12.5
PUPIL RESPONSE MODE	82	12.4	5	6.1	1	1.2	10	12.2	17	20.7	0	0.0	21	25.6	4	4.9	19	23.2
PUPIL CULT. BACKGROUND	38	5.7	1	2.6	1	2.6	4	10.5	5	13.2	0	0.0	2	5.3	1	2.6	19	50.0
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO																		
PUPIL FUNCTIONAL LEVEL	221	33.4	21	9.5	15	6.8	14	6.3	33	14.9	4	1.8	48	21.7	10	4.5	63	28.5
SPECIFIC LRNG OBJCTVS.	206	31.1	29	14.1	20	9.7	17	8.3	36	17.5	6	2.9	48	23.3	6	2.9	32	15.5
PUPIL INTEREST LEVEL	91	13.7	8	8.8	4	4.4	5	5.5	12	13.2	3	3.3	11	12.1	6	6.6	35	38.5
PUPIL INPUT MODE	91	13.7	5	5.5	5	5.5	9	9.9	20	22.0	5	5.5	26	28.6	6	6.6	13	14.3
PUPIL RESPONSE MODE	71	10.7	7	9.9	3	4.2	8	11.3	13	18.3	1	1.4	11	15.5	4	5.6	15	21.1
PUPIL CULT. BACKGROUND	26	3.9	2	7.7	1	3.8	3	11.5	3	11.5	1	3.8	3	11.5	2	7.7	9	34.6
HOW TO																		
TRAIN PARENTS IN MTRLS	165	24.9	17	10.3	9	5.5	20	12.1	36	21.8	15	9.1	28	17.0	4	2.4	26	15.8
EVAL. MEDIA/MATERIALS	154	23.3	23	14.9	16	10.4	8	5.2	22	14.3	6	3.9	26	16.9	14	9.1	33	21.4
USE LRNG RESOURCE CTR	84	12.7	10	11.9	16	19.0	4	4.8	20	23.8	3	3.6	10	11.9	5	6.0	9	10.7
PREPARE MULTIMEDIA KITS	78	11.8	6	7.7	2	2.6	7	9.0	20	25.6	3	3.8	17	21.8	7	9.0	9	11.5
COORD. TWO/MORE MTRLS	65	9.8	2	3.1	6	9.2	7	10.8	18	27.7	2	3.1	9	13.8	4	6.2	13	20.0
USE COMPUTER TO DIAG.	58	8.8	4	6.9	1	1.7	12	20.7	11	19.0	0	0.0	8	13.8	14	24.1	3	5.2
INTERPRET M/M RESEARCH	52	7.9	3	5.8	5	9.6	0	0.0	11	21.2	1	1.9	20	38.5	4	7.7	4	7.7
PLAN MULTIMEDIA PRES.	38	5.7	2	5.3	2	5.3	3	7.9	9	23.7	3	7.9	9	23.7	7	18.4	3	7.9
USE COMPUTER FOR INFO	34	5.1	5	14.7	2	5.9	4	11.8	5	14.7	3	8.8	7	20.6	3	8.8	2	5.9
USE COMPUTER TO MONITOR	28	4.2	1	3.6	1	3.6	3	10.7	5	17.9	0	0.0	5	17.9	5	17.9	3	10.7

TEACHERS OF MULTIPLY HANDICAPPED
SEVERELY AND PROFOUNDLY HANDICAPPED
MODERATELY (TRAINABLE) MENTALLY RETARDED
SEVERELY AND PROFOUNDLY MENTALLY RETARDED

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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q8 (CONTINUED) FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 (CONTINUED) FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 8, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

	Q8		PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES																		
INDEP. CHILD USE MTRLS	129	19.5	9	7.0	6	4.7	10	7.8	23	17.8	7	5.4	19	14.7	26	20.2	20	15.5
ADAPTIVE EQUIPMENT	84	12.7	6	7.1	5	6.0	18	21.4	12	14.3	2	2.4	9	10.7	19	22.6	10	11.9
PROGRAMMED MATERIALS	66	10.0	5	7.6	5	7.6	7	10.6	15	22.7	2	3.0	5	7.6	19	28.8	2	3.0
MULTIMEDIA KITS	44	6.6	3	6.8	2	4.5	6	13.6	9	20.5	1	2.3	8	18.2	10	22.7	1	2.3
MEDIA HARDWARE/EQUIP.	35	5.3	8	22.9	2	5.7	3	8.6	5	14.3	3	8.6	2	5.7	5	14.3	4	11.4
HOW TO MAKE																		
AUDIO-VISUAL MATERIALS	71	10.7	6	8.5	3	4.2	6	8.5	14	19.7	2	2.8	13	18.3	12	16.9	9	12.7
TACTILE MATERIALS	61	9.2	9	14.8	3	4.9	7	11.5	14	23.0	2	3.3	12	19.7	5	8.2	4	6.6
REPRODUCTION MASTERS	26	3.9	4	15.4	0	0.0	0	0.0	2	7.7	0	0.0	4	15.4	3	11.5	10	38.5
AUDIO MATERIALS	23	3.5	1	4.3	1	4.3	3	13.0	4	17.4	1	4.3	3	13.0	5	21.7	3	13.0
GRAPHICS (E.G., CHARTS)	18	2.7	3	16.7	2	11.1	3	16.7	2	11.1	0	0.0	1	5.6	2	11.1	4	22.2
EXHIBITS	10	1.5	1	10.0	0	0.0	2	20.0	2	20.0	1	10.0	3	30.0	0	0.0	1	10.0
HOW TO OPERATE																		
UNIQUE TCHNG MACHINES	55	8.3	1	1.8	4	7.3	5	9.1	7	12.7	0	0.0	3	5.5	24	43.6	7	12.7
VIDEOTAPE EQUIPMENT	51	7.7	9	17.6	6	11.8	4	7.8	9	17.6	1	2.0	6	11.8	12	23.5	2	3.9
COMPUTER-BASED EQUIP.	32	4.8	0	0.0	2	6.3	5	15.6	4	12.5	0	0.0	8	25.0	10	31.3	1	3.1
SPECIALIZED EQUIPMENT	28	4.2	0	0.0	2	7.1	5	17.9	4	14.3	0	0.0	4	14.3	7	25.0	1	3.6
DRY MOUNT/LAMINATOR	26	3.9	3	11.5	1	3.8	0	0.0	2	7.7	1	3.8	1	3.8	9	34.6	7	26.9
FILM PROJECTOR	19	2.9	4	21.1	2	10.5	1	5.3	3	15.8	0	0.0	1	5.3	1	5.3	6	31.6
TAPE RECORDER	18	2.7	4	22.2	0	0.0	0	0.0	3	16.7	0	0.0	2	11.1	1	5.6	6	33.3
FILMSTRIP PROJECTOR	17	2.6	2	11.8	0	0.0	0	0.0	3	17.6	0	0.0	2	11.8	1	5.9	7	41.2
STILL PHOTOG. EQUIP.	16	2.4	1	6.3	0	0.0	1	6.3	5	31.3	0	0.0	2	12.5	5	31.3	0	0.0
MOTION PICTURE CAMERA	11	1.7	2	18.2	0	0.0	1	9.1	1	9.1	0	0.0	1	9.1	5	45.5	1	9.1

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SECTION III. TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

RESPONDENT POPULATION 6: TEACHERS OF THE MULTIPLY HANDICAPPED, SEVERELY AND PROFOUNDLY HANDICAPPED, MODERATELY (TRAINABLE) MENTALLY RETARDED, SEVERELY AND PROFOUNDLY MENTALLY RETARDED

SUBSECTION E. DEMOGRAPHIC DESCRIPTION OF THE SUBGROUP OF INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHERS

ON THE FOLLOWING FOUR PAGES IS A DEMOGRAPHIC DESCRIPTION OF THE SUBGROUP OF INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHERS FROM THE RESPONDENT POPULATION ABOVE. FOR PURPOSES OF THE ANALYSES IN THIS AND THE NEXT SUBSECTION (F), "INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHER" IS DEFINED AS A RESPONDENT WHO INDICATED IN THE DEMOGRAPHIC SECTION (PAGE 11) OF THE QUESTIONNAIRE EITHER

(1) THAT HE IS EMPLOYED BY THE LOCAL PUBLIC SCHOOL DISTRICT OR A STATE AGENCY OTHER THAN THE STATE EDUCATION AGENCY (QUESTION 8) AND THAT HE WORKS PRIMARILY AT A SPECIAL EDUCATION RESIDENTIAL SCHOOL, DEVELOPMENTAL CENTER, CLINIC OR REHABILITATION AGENCY, HOSPITAL, OR OTHER FACILITY (QUESTION 9),

OR (2) THAT HE IS EMPLOYED BY A PRIVATE OR NONPUBLIC AGENCY OR OTHER AGENCY (QUESTION 8) REGARDLESS OF THE TYPE OF FACILITY IN WHICH HE WORKS (QUESTION 9).

THE SUBGROUP IDENTIFICATION APPEARS IN THE UPPER RIGHT CORNER OF THE PAGE, OPPOSITE THE RESPONDENT POPULATION DESCRIPTION. BELOW IT APPEARS THE NUMBER OF RESPONDENTS IN THIS SUBGROUP. PRESENTED FOR EACH QUESTION, 2 THROUGH 11, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. ALL PERCENTAGE CALCULATIONS ARE BASED ON THE NUMBER OF RESPONDENTS IN THE SUBGROUP. (NOTE: QUESTION 1 CONSISTED OF A ZIP CODE IDENTIFIER WHICH WAS USED ONLY TO CLASSIFY RESPONDENTS BY STATE.)

TEACHERS OF MULTIPLY HANDICAPPED
SEVERELY AND PROFOUNDLY HANDICAPPED
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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q2 WHAT IS YOUR HIGHEST LEVEL OF FORMAL EDUCATION IN EACH OF THE THREE CATEGORIES BELOW

	IN CURRENT TEACHING SPECIALTY		IN OTHER EDUCATION-RELATED SPECIALTY		IN OTHER FIELD	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
SOME COLLEGE COURSES	52	10.4	81	16.2	94	18.8
BACHELOR'S DEGREE	121	24.2	117	23.4	79	15.8
WORK BEYOND THE B.A.	151	30.1	97	19.4	30	6.0
MASTER'S DEGREE	81	16.2	27	5.4	4	0.8
WORK BEYOND THE M.A.	31	6.2	17	3.4	6	1.2
PH.D., ED.D.	1	0.2	1	0.2	0	0.0
NONE	13	2.6	28	5.6	68	13.6
INVALID OR NO RESPONSE	51	10.2	133	26.5	220	43.9

Q3 WHAT IS THE EXTENT OF YOUR PROFESSIONAL EXPERIENCE IN EACH OF THE TWO CATEGORIES BELOW

	TEACHING THE HANDICAPPED		OTHER TEACHING	
	FREQ.	PCT	FREQ.	PCT
LESS THAN 1 YEAR	64	12.8	105	21.0
1 TO 3 YEARS	182	36.3	79	15.8
4 TO 7 YEARS	157	31.3	37	7.4
8 TO 15 YEARS	76	15.2	19	3.8
16 OR MORE YEARS	14	2.8	14	2.8
NONE	1	0.2	75	15.0
INVALID OR NO RESPONSE	7	1.4	172	34.3

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SEVERELY AND PROFOUNDLY MENTALLY RETARDED

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q4 WHAT IS YOUR PRIMARY ROLE THIS SCHOOL YEAR

	FREQ.	PCT
SPECIAL CLASS TEACHER -- ALL SUBJECTS	229	45.7
SPECIAL CLASS TEACHER -- SPECIFIC SUBJECT(S)	90	18.0
REGULAR CLASSROOM TEACHER	44	8.8
DIAGNOSTIC/PRESCRIPTIVE TEACHER	18	3.6
HOME/HOSPITAL-BOUND TEACHER	14	2.8
CLINICIAN/THERAPIST/PATHOLOGIST	12	2.4
ITINERANT RESOURCE PERSON	3	0.6
RESOURCE ROOM TEACHER	2	0.4
MEDIA SPECIALIST OR LIBRARIAN	2	0.4
ITINERANT TEACHER	1	0.2
OTHER	77	15.4
INVALID OR NO RESPONSE	9	1.8

Q5 HOW MANY HANDICAPPED STUDENTS ARE YOU WORKING WITH AT THE PRESENT TIME

	FREQ.	PCT
10 TO 19	184	36.7
5 TO 9	143	28.5
40 OR MORE	67	13.4
20 TO 29	57	11.4
30 TO 39	29	5.8
4 OR FEWER	16	3.2
INVALID OR NO RESPONSE	5	1.0

Q6 IN YOUR TEACHING, HOW DO YOU PRESENTLY SPEND MOST OF YOUR TIME

	FREQ.	PCT
WITH SMALL GROUPS (2 TO 6 STUDENTS)	256	51.1
WITH INDIVIDUAL STUDENTS	167	33.3
WITH LARGER GROUPS (7 OR MORE STUDENTS)	72	14.4
INVALID OR NO RESPONSE	6	1.2

TEACHERS OF MULTIPLY HANDICAPPED
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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q7 WHICH CHRONOLOGICAL AGE CATEGORY BELOW BEST DESCRIBES YOUR CURRENT STUDENTS

	FREQ.	PCT
ALL AGES	122	24.4
18 AND OLDER	120	24.0
12 AND OLDER	74	14.8
15 TO 17	50	10.0
5 TO 8	34	6.8
9 TO 11	32	6.4
12 TO 14	29	5.8
4 AND YOUNGER	25	5.0
11 AND YOUNGER	13	2.6
INVALID OR NO RESPONSE	2	0.4

Q8 BY WHICH OF THE FOLLOWING ARE YOU EMPLOYED

	FREQ.	PCT
STATE AGENCY OTHER THAN STATE EDUCATION AGENCY	280	55.9
LOCAL PUBLIC SCHOOL DISTRICT	74	14.8
PRIVATE OR NONPUBLIC AGENCY	17	3.4
OTHER AGENCY	130	25.9
INVALID OR NO RESPONSE	0	0.0

Q9 AT WHAT TYPE OF FACILITY DO YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
SPECIAL EDUCATION RESIDENTIAL SCHOOL	209	41.7
DEVELOPMENTAL CENTER	96	19.2
SPECIAL EDUCATION SCHOOL (NONRESIDENTIAL)	66	13.2
HOSPITAL	43	8.6
REGULAR SCHOOL	21	4.2
CLINIC OR REHABILITATION AGENCY	6	1.2
OTHER FACILITY	59	11.8
INVALID OR NO RESPONSE	1	0.2

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q10 WHAT IS THE TOTAL ENROLLMENT OF THE SCHOOL AT WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
100 TO 249	153	30.5
250 TO 499	119	23.8
LESS THAN 100	101	20.2
500 TO 999	68	13.6
1,000 OR MORE	31	6.2
NOT APPLICABLE	24	4.8
INVALID OR NO RESPONSE	5	1.0

Q11 WHICH BEST DESCRIBES THE TYPE OF COMMUNITY IN WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
TOWN (25,000 OR UNDER)	136	27.1
SMALL CITY (25,000 -- 100,000)	87	17.4
MEDIUM-SIZE CITY (100,000 -- 500,000)	63	12.6
LARGE CITY (500,000 OR LARGER)	58	11.6
RURAL AREA NEAR A LARGE OR MEDIUM-SIZE CITY	55	11.0
SUBURB OF A LARGE OR MEDIUM-SIZE CITY	53	10.6
RURAL AREA NOT NEAR A LARGE OR MEDIUM-SIZE CITY	45	9.0
INVALID OR NO RESPONSE	4	0.8

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SUBSECTION F. ANALYSIS OF ITEMS ON TRAINING FOR THE SUBGROUP OF INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHERS

THE NEXT SIX PAGES CONTAIN THE ANALYSES OF THE ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS FOR THE SUBGROUP OF INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHERS FROM THE RESPONDENT POPULATION ABOVE. (THE TERM "INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHER" IS DEFINED IN THE INTRODUCTION TO SUBSECTION E.) THIS SUBGROUP IS INDICATED IN THE UPPER RIGHT CORNER OF THE PAGE, OPPOSITE THE DESCRIPTION OF THE RESPONDENT POPULATION. BELOW IT APPEARS THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

PRESENTED FOR EACH QUESTION, 1 THROUGH 9, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. ALL PERCENTAGE CALCULATIONS, EXCEPT THOSE FOR QUESTIONS 7 AND 9, ARE BASED ON THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

FOR QUESTIONS 7 AND 9, THE RESPONDENT BASE IS RESTRICTED IN A MANNER THAT IS EVIDENT FROM READING THE QUESTIONS; I.E., THE RESPONSE TO EACH ALTERNATIVE IN QUESTION 7 IS PREDICATED UPON A RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6. THEREFORE, THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 7 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6, RATHER THAN THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

QUESTION 9 IS SIMILARLY CONTINGENT UPON QUESTION 8. THAT IS, A RESPONSE TO A GIVEN ALTERNATIVE FOR QUESTION 9 WAS APPROPRIATE ONLY IF THAT SAME ALTERNATIVE WAS CHOSEN IN QUESTION 8, AND THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 9 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 8.

TEACHERS OF MULTIPLY HANDICAPPED
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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q1 FROM WHICH OF THE FOLLOWING SOURCES DO YOU OBTAIN MOST OF YOUR INFORMATION ABOUT TRAINING OPPORTUNITIES

	FREQ.	PCT
NO SOURCE AVAILABLE	14	2.8
WORD OF MOUTH FROM COLLEAGUES	261	52.1
WORKSHOPS AND CONFERENCES	245	48.9
SUPERVISOR	237	47.3
COLLEGE BULLETINS AND ANNOUNCEMENTS	110	22.0
PROFESSIONAL JOURNALS	107	21.4
STATE NEWSLETTERS/ANNOUNCEMENTS	62	12.4
DISTRICT NEWSLETTERS/ANNOUNCEMENTS	58	11.6
REGIONAL (IN-STATE) NEWSLETTERS/ANNOUNCEMENTS	53	10.6
PUBLISHERS' BROCHURES	45	9.0
NATIONAL NEWSLETTERS/ANNOUNCEMENTS	31	6.2
PUBLIC MEDIA ANNOUNCEMENTS	28	5.6
REGIONAL (MULTI-STATE) NEWSLETTERS/ANNOUNCEMENTS	18	3.6
OTHER	34	6.8

Q2 TO WHAT EXTENT IS EACH OF THE FOLLOWING AN OBSTACLE TO ACQUIRING THE MEDIA AND MATERIALS TRAINING YOU NEED

	GREAT		MODERATE		LITTLE OR NOT AT ALL		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
TOO EXPENSIVE	187	37.3	142	28.3	127	25.3	45	9.0
INSUFFICIENT RELEASED TIME	172	34.3	148	29.5	135	26.9	46	9.2
INCONVENIENT LOCATION OF TRAINING PROGRAMS	164	32.7	151	30.1	140	27.9	46	9.2
INCONVENIENT SCHEDULING OF TRAINING PROGRAMS	153	30.5	170	33.9	122	24.4	56	11.2
LACK OF INFORMATION ABOUT TRAINING OPPORTUNITIES	134	26.7	194	38.7	128	25.5	45	9.0
TRAINING I NEED NOT OFFERED	117	23.4	166	33.1	164	32.7	54	10.8
NEGATIVE ATTITUDE OF ADMINISTRATORS/OTHER TEACHERS	82	16.4	127	25.3	240	47.9	52	10.4
LACK OF QUALIFIED TRAINERS	80	16.0	166	33.1	182	36.3	73	14.6
OTHER	16	3.2	23	4.6	70	14.0	392	78.2

TEACHERS OF MULTIPLY HANDICAPPED
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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q3 HOW ARE YOUR TRAINING NEEDS USUALLY MADE KNOWN TO ADMINISTRATIVE PERSONNEL IN YOUR DISTRICT OR FACILITY

	FREQ.	PCT
REQUEST TO SUPERVISOR	311	62.1
NO REGULAR PROCEDURE TO MAKE TRAINING NEEDS KNOWN	125	25.0
DIRECT REQUEST TO DISTRICT OFFICE	18	3.6
OTHER PROCEDURE	15	3.0
STRUCTURED INTERVIEW/QUESTIONNAIRE	11	2.2
INVALID OR NO RESPONSE	21	4.2

Q4 HAVE PACKAGED TRAINING KITS AND/OR PROGRAMMED MATERIALS PLAYED AN IMPORTANT ROLE IN YOUR TRAINING

	YES		NO		NEVER USED		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
DURING PRESERVICE/IN COLLEGE	157	31.3	159	31.7	147	29.3	38	7.6
DURING INSERVICE	160	31.9	184	36.7	125	25.0	32	6.4
ON YOUR OWN	193	38.5	153	30.5	126	25.1	29	5.8

Q5 HOW VALUABLE WOULD SELF-INSTRUCTIONAL TRAINING KITS BE FOR YOUR TRAINING NEEDS IN EACH OF THE FOLLOWING SKILLS

	OF GREAT VALUE		OF SOME VALUE		OF LITTLE OR NO VALUE		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
MATCHING MEDIA/MATERIALS TO LEARNER NEEDS	286	57.1	158	31.5	40	8.0	17	3.4
ADAPTING MEDIA/MATERIALS	276	55.1	180	35.9	29	5.8	16	3.2
DESIGNING MEDIA/MATERIALS	276	55.1	161	32.1	47	9.4	17	3.4
UTILIZING MEDIA/MATERIALS	217	43.3	210	41.9	46	9.2	28	5.6
SELECTING/EVALUATING MEDIA/MATERIALS	205	40.9	224	44.7	56	11.2	16	3.2
REPAIRING MEDIA AND EQUIPMENT	124	24.8	205	40.9	141	28.1	31	6.2

TEACHERS OF MULTIPLY HANDICAPPED
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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q6 WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
HOW TO SELECT MEDIA AND MATERIALS ACCORDING TO SPECIFIC LEARNING OBJECTIVES FOR	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
SOCIAL/PERSONAL DEVELOPMENT	377	75.2	146	38.7	58	15.4	150	39.8	11	2.9
COGNITIVE DEVELOPMENT	343	68.5	175	51.0	54	15.7	88	25.7	12	3.5
LANGUAGE/SPEECH DEVELOPMENT	335	66.9	146	43.6	71	21.2	80	23.9	22	6.6
PSYCHOMOTOR DEVELOPMENT	317	63.3	117	36.9	79	24.9	73	23.0	30	9.5
ACADEMIC DEVELOPMENT	216	43.1	125	57.9	24	11.1	52	24.1	6	2.8
HOW TO SELECT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	450	89.8	175	38.9	70	15.6	173	38.4	12	2.7
PUPIL INTEREST LEVEL	316	63.1	95	30.1	38	12.0	152	48.1	18	5.7
PUPIL RESPONSE MODE	306	61.1	89	29.1	53	17.3	127	41.5	22	7.2
PUPIL SENSORY INPUT MODE	278	55.5	99	35.6	54	19.4	84	30.2	29	10.4
PUPIL CULTURAL BACKGROUND	83	16.6	23	27.7	11	13.3	35	42.2	8	9.6
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	411	82.0	126	30.7	70	17.0	179	43.6	13	3.2
SPECIFIC LEARNING OBJECTIVES	346	69.1	128	37.0	86	24.9	105	30.3	10	2.9
PUPIL INTEREST LEVEL	280	55.9	66	23.6	35	12.5	153	54.6	10	3.6
PUPIL RESPONSE MODE	277	55.3	65	23.5	38	13.7	124	44.8	33	11.9
PUPIL SENSORY INPUT MODE	259	51.7	73	28.2	52	20.1	88	34.0	28	10.8
PUPIL CULTURAL BACKGROUND	75	15.0	13	17.3	12	16.0	32	42.7	12	16.0
HOW TO										
EVALUATE EFFECTIVENESS OF MEDIA/MATERIALS	314	62.7	96	30.6	58	18.5	102	32.5	42	13.4
COORDINATE TWO OR MORE KINDS OF MATERIALS	215	42.9	45	20.9	24	11.2	103	47.9	33	15.3
USE INSTR. MATERIALS/LEARNING RESOURCE CENTER .	183	36.5	51	27.9	50	27.3	41	22.4	27	14.8
TRAIN PARENTS IN USE OF CHILD INSTR. MTRLS	148	29.5	12	8.1	19	12.8	47	31.8	62	41.9
INTERPRET RESEARCH ON MEDIA/MATERIALS	137	27.3	49	35.8	21	15.3	32	23.4	26	19.0
PREPARE MULTIMEDIA KITS	118	23.6	25	21.2	14	11.9	34	28.8	34	28.8
PLAN/IMPLEMENT A MULTIMEDIA PRESENTATION	109	21.8	21	19.3	14	12.8	35	32.1	30	27.5
USE A COMPUTER TO DIAGNOSE LEARNER NEEDS	64	12.8	3	4.7	8	12.5	1	1.6	45	70.3
USE A COMPUTER TO MONITOR PUPIL PROGRESS	48	9.6	4	8.3	6	12.5	1	2.1	35	72.9
USE A COMPUTER TO OBTAIN MATERIALS INFO.	46	9.2	5	10.9	2	4.3	4	8.7	30	65.2

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

TEACHERS OF MULTIPLY HANDICAPPED
SEVERELY AND PROFOUNDLY HANDICAPPED
MODERATELY (TRAINABLE) MENTALLY RETARDED
SEVERELY AND PROFOUNDLY MENTALLY RETARDED

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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q6 (CONTINUED) WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 (CONTINUED) FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES										
ADAPTIVE EQUIPMENT	217	43.3	27	12.4	74	34.1	70	32.3	30	13.8
MATERIALS FOR INDEPENDENT CHILD USE	203	40.5	38	18.7	24	11.8	98	48.3	27	13.3
MEDIA HARDWARE AND EQUIPMENT	159	31.7	45	28.3	40	25.2	51	32.1	12	7.5
PROGRAMMED INSTRUCTIONAL MATERIALS	124	24.8	29	23.4	33	26.6	37	29.8	14	11.3
MULTIMEDIA KITS	100	20.0	24	24.0	21	21.0	24	24.0	24	24.0
HOW TO MAKE										
TACTILE MATERIALS	267	53.3	63	23.6	38	14.2	111	41.6	34	12.7
AUDIO-VISUAL MATERIALS	178	35.5	64	36.0	29	16.3	46	25.8	25	14.0
A MASTER FOR REPRODUCTION UNITS	151	30.1	53	35.1	22	14.6	52	34.4	15	9.9
GRAPHICS (E.G., CHARTS, FLASH CARDS)	151	30.1	50	33.1	9	6.0	71	47.0	12	7.9
AUDIO MATERIALS	120	24.0	38	31.7	15	12.5	36	30.0	21	17.5
EXHIBITS	58	11.6	13	22.4	6	10.3	24	41.4	8	13.8
HOW TO OPERATE										
TAPE RECORDER	205	40.9	47	22.9	23	11.2	115	56.1	7	3.4
FILMSTRIP PROJECTOR	186	37.1	64	34.4	34	18.3	66	35.5	9	4.8
FILM PROJECTOR	170	33.9	62	36.5	36	21.2	45	26.5	13	7.6
DRY MOUNT PRESS/LAMINATOR	106	21.2	30	28.3	24	22.6	11	10.4	29	27.4
VIDEOTAPE EQUIPMENT	104	20.8	16	15.4	25	24.0	15	14.4	40	38.5
UNIQUE TEACHING MACHINES	81	16.2	7	8.6	27	33.3	7	8.6	32	39.5
STILL PHOTOGRAPHIC EQUIPMENT	76	15.2	13	17.1	7	9.2	34	44.7	15	19.7
SPECIALIZED EQUIPMENT (E.G., OPTACON)	62	12.4	12	19.4	12	19.4	6	9.7	25	40.3
COMPUTER-BASED INSTRUCTIONAL EQUIPMENT	50	10.0	0	0.0	6	12.0	2	4.0	35	70.0
MOTION PICTURE CAMERA	40	8.0	8	20.0	2	5.0	5	12.5	18	45.0

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

TEACHERS OF MULTIPLY HANDICAPPED
SEVERELY AND PROFOUNDLY HANDICAPPED
MODERATELY (TRAINABLE) MENTALLY RETARDED
SEVERELY AND PROFOUNDLY MENTALLY RETARDED

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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q8 FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 8, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

	Q8		PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO SPECIFIC OBJECTIVES FOR	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
LANGUAGE/SPEECH DEVEL.	225	44.9	20	8.9	3	1.3	36	16.0	25	11.1	11	4.9	84	37.3	6	2.7	35	15.6
SOCIAL/PERSONAL DEVEL.	214	42.7	17	7.9	3	1.4	22	10.3	27	12.6	8	3.7	42	19.6	5	2.3	71	33.2
COGNITIVE DEVELOPMENT	171	34.1	14	8.2	4	2.3	16	9.4	25	14.6	7	4.1	59	34.5	7	4.1	35	20.5
PSYCHOMOTOR DEVELOP.	156	31.1	6	3.8	3	1.9	21	13.5	25	16.0	12	7.7	40	25.6	2	1.3	35	22.4
ACADEMIC DEVELOPMENT	83	16.6	8	9.6	3	3.6	5	6.0	10	12.0	3	3.6	30	36.1	3	3.6	14	16.9
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO																		
PUPIL FUNCTIONAL LEVEL	207	41.3	19	9.2	11	5.3	18	8.7	18	8.7	5	2.4	43	20.8	9	4.3	73	35.3
PUPIL INTEREST LEVEL	105	21.0	13	12.4	3	2.9	3	2.9	7	6.7	4	3.8	19	18.1	3	2.9	47	44.8
PUPIL INPUT MODE	85	17.0	6	7.1	1	1.2	9	10.6	7	8.2	3	3.5	29	34.1	3	3.5	22	25.9
PUPIL RESPONSE MODE	66	13.2	4	6.1	2	3.0	6	9.1	6	9.1	2	3.0	10	15.2	2	3.0	31	47.0
PUPIL CULT. BACKGROUND	15	3.0	1	6.7	0	0.0	0	0.0	2	13.3	2	13.3	3	20.0	0	0.0	3	20.0
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO																		
PUPIL FUNCTIONAL LEVEL	167	33.3	18	10.8	6	3.6	11	6.6	16	9.6	5	3.0	42	25.1	3	1.8	57	34.1
SPECIFIC LRNG OBJCTVS.	144	28.7	22	15.3	14	9.7	4	2.8	13	9.0	9	6.3	39	27.1	2	1.4	35	24.3
PUPIL INPUT MODE	87	17.4	9	10.3	2	2.3	9	10.3	9	10.3	5	5.7	34	39.1	1	1.1	15	17.2
PUPIL RESPONSE MODE	85	17.0	10	11.8	1	1.2	11	12.9	7	8.2	3	3.5	27	31.8	0	0.0	23	27.1
PUPIL INTEREST LEVEL	73	14.6	7	9.6	3	4.1	3	4.1	8	11.0	1	1.4	15	20.5	3	4.1	26	35.6
PUPIL CULT. BACKGROUND	7	1.4	1	14.3	0	0.0	1	14.3	2	28.6	0	0.0	2	28.6	0	0.0	0	0.0
HOW TO																		
EVAL. MEDIA/MATERIALS	120	24.0	10	8.3	5	4.2	9	7.5	15	12.5	9	7.5	31	25.8	9	7.5	28	23.3
TRAIN PARENTS IN MTRLS	80	16.0	7	8.8	9	11.3	8	10.0	17	21.3	3	3.8	18	22.5	0	0.0	15	18.8
COORD. TWO/MORE MTRLS	53	10.6	8	15.1	2	3.8	3	5.7	5	9.4	2	3.8	10	18.9	2	3.8	17	32.1
PREPARE MULTIMEDIA KITS	47	9.4	8	17.0	2	4.3	4	8.5	6	12.8	3	6.4	6	12.8	10	21.3	6	12.8
USE LRNG RESOURCE CTR	39	7.8	2	5.1	4	10.3	3	7.7	13	33.3	2	5.1	4	10.3	0	0.0	9	23.1
INTERPRET M/M RESEARCH	38	7.6	2	5.3	1	2.6	3	7.9	12	31.6	1	2.6	13	34.2	0	0.0	5	13.2
PLAN MULTIMEDIA PRES.	34	6.8	4	11.8	0	0.0	1	2.9	5	14.7	4	11.8	7	20.6	4	11.8	6	17.6
USE COMPUTER TO DIAG.	32	6.4	1	3.1	0	0.0	10	31.3	3	9.4	3	9.4	5	15.6	7	21.9	1	3.1
USE COMPUTER TO MONITOR	31	6.2	4	12.9	1	3.2	8	25.8	0	0.0	3	9.7	6	19.4	4	12.9	2	6.5
USE COMPUTER FOR INFO	22	4.4	2	9.1	0	0.0	2	9.1	4	18.2	2	9.1	4	18.2	5	22.7	1	4.5

TEACHERS OF MULTIPLY HANDICAPPED
SEVERELY AND PROFOUNDLY HANDICAPPED
MODERATELY (TRAINABLE) MENTALLY RETARDED
SEVERELY AND PROFOUNDLY MENTALLY RETARDED

INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHERS
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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q8 (CONTINUED) FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 (CONTINUED) FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 8, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES			PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
ADAPTIVE EQUIPMENT	76	15.2	11	14.5	4	5.3	17	22.4	9	11.8	4	5.3	8	10.5	6	7.9	13	17.1
INDEP. CHILD USE MTRLS	45	9.0	7	15.6	3	6.7	2	4.4	4	8.9	2	4.4	7	15.6	5	11.1	8	17.8
MEDIA HARDWARE/EQUIP.	31	6.2	7	22.6	3	9.7	3	9.7	3	9.7	0	0.0	3	9.7	8	25.8	1	3.2
PROGRAMMED MATERIALS	30	6.0	1	3.3	0	0.0	5	16.7	5	16.7	2	6.7	4	13.3	6	20.0	6	20.0
MULTIMEDIA KITS	23	4.6	3	13.0	1	4.3	0	0.0	2	8.7	3	13.0	2	8.7	7	30.4	0	0.0
HOW TO MAKE																		
TACTILE MATERIALS	47	9.4	8	17.0	6	12.8	6	12.8	7	14.9	0	0.0	13	27.7	0	0.0	5	10.6
AUDIO-VISUAL MATERIALS	44	8.8	4	9.1	4	9.1	4	9.1	6	13.6	0	0.0	10	22.7	9	20.5	6	13.6
AUDIO MATERIALS	19	3.8	1	5.3	1	5.3	2	10.5	3	15.8	0	0.0	6	31.6	2	10.5	2	10.5
GRAPHICS (E.G., CHARTS)	17	3.4	2	11.8	1	5.9	1	5.9	4	23.5	0	0.0	5	29.4	3	17.6	1	5.9
REPRODUCTION MASTERS	15	3.0	2	13.3	2	13.3	2	13.3	2	13.3	0	0.0	1	6.7	4	26.7	2	13.3
EXHIBITS	4	0.8	0	0.0	0	0.0	0	0.0	1	25.0	0	0.0	0	0.0	1	25.0	1	25.0
HOW TO OPERATE																		
VIDEOTAPE EQUIPMENT	28	5.6	3	10.7	4	14.3	5	17.9	0	0.0	1	3.6	0	0.0	6	21.4	8	28.6
UNIQUE TCHNG MACHINES	24	4.8	2	8.3	1	4.2	6	25.0	3	12.5	0	0.0	5	20.8	7	29.2	0	0.0
DRY MOUNT/LAMINATOR	23	4.6	1	4.3	1	4.3	3	13.0	3	13.0	0	0.0	4	17.4	7	30.4	3	13.0
SPECIALIZED EQUIPMENT	20	4.0	1	5.0	1	5.0	5	25.0	2	10.0	1	5.0	4	20.0	6	30.0	0	0.0
COMPUTER-BASED EQUIP.	18	3.6	0	0.0	0	0.0	2	11.1	1	5.6	0	0.0	4	22.2	6	33.3	4	22.2
STILL PHOTOG. EQUIP.	7	1.4	1	14.3	1	14.3	1	14.3	0	0.0	0	0.0	0	0.0	1	14.3	3	42.9
TAPE RECORDER	6	1.2	2	33.3	1	16.7	1	16.7	0	0.0	1	16.7	0	0.0	0	0.0	0	0.0
FILM PROJECTOR	6	1.2	1	16.7	2	33.3	0	0.0	1	16.7	1	16.7	0	0.0	0	0.0	0	0.0
MOTION PICTURE CAMERA	5	1.0	1	20.0	0	0.0	0	0.0	0	0.0	0	0.0	1	20.0	1	20.0	2	40.0
FILMSTRIP PROJECTOR	4	0.8	1	25.0	1	25.0	1	25.0	0	0.0	0	0.0	0	0.0	0	0.0	1	25.0

USERS' GUIDE TO NNA ANALYSIS

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RESPONDENT POPULATION 7: SUPERVISORS, MEDIA SPECIALISTS/LIBRARIANS, CURRICULUM DEVELOPMENT SPECIALISTS, INSERVICE TRAINING SPECIALISTS

SUBSECTION A. DEMOGRAPHIC DESCRIPTION OF THE RESPONDENT POPULATION

ON THE FOLLOWING THREE PAGES IS A DEMOGRAPHIC DESCRIPTION OF THE RESPONDENT POPULATION ABOVE. PRESENTED FOR EACH QUESTION, 2 THROUGH 10, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. (NOTE: QUESTION 1 CONSISTED OF A ZIP CODE IDENTIFIER WHICH WAS USED ONLY TO CLASSIFY RESPONDENTS BY STATE.)

SPECIAL EDUCATION SUPERVISORS
MEDIA SPECIALISTS/LIBRARIANS
CURRICULUM DEVELOPMENT SPECIALISTS
INSERVICE TRAINING SPECIALISTS

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q2 WHAT IS YOUR HIGHEST LEVEL OF FORMAL EDUCATION IN EACH OF THE THREE CATEGORIES BELOW

	IN SPECIAL EDUCATION		IN OTHER EDUCATION-RELATED SPECIALTY		IN OTHER FIELD	
	FREC.	PCT	FREQ.	PCT	FREQ.	PCT
SOME COLLEGE COURSES	90	13.0	32	4.6	110	15.9
BACHELOR'S DEGREE	16	2.3	82	11.9	91	13.2
WORK BEYOND THE B.A.	64	9.3	67	9.7	54	7.8
MASTER'S DEGREE	111	16.1	95	13.8	23	3.3
WORK BEYOND THE M.A.	266	38.6	243	35.2	63	9.1
PH.D., ED.D.	26	3.8	28	4.1	4	0.6
NONE	29	4.2	11	1.6	60	8.7
INVALID OR NO RESPONSE	88	12.8	132	19.1	285	41.3

Q3 WHAT IS THE EXTENT OF YOUR PROFESSIONAL EXPERIENCE IN EACH OF THE THREE CATEGORIES BELOW

	SPECIAL EDUCATION SUPERVISION		TEACHING THE HANDICAPPED		OTHER EDUCATION WORK	
	FREC.	PCT	FREQ.	PCT	FREQ.	PCT
LESS THAN 1 YEAR	72	10.4	49	7.1	40	5.8
1 TO 3 YEARS	187	27.1	149	21.6	136	19.7
4 TO 7 YEARS	184	26.7	182	26.4	121	17.5
8 TO 15 YEARS	110	15.9	122	17.7	133	19.3
16 OR MORE YEARS	18	2.6	35	5.1	97	14.1
NONE	55	8.0	63	9.1	53	7.7
INVALID OR NO RESPONSE	64	9.3	90	13.0	110	15.9

Q4 WHAT IS YOUR PRIMARY ROLE AT THE PRESENT TIME

	FREC.	PCT
SUPERVISOR	444	64.3
MEDIA SPECIALIST OR LIBRARIAN	58	8.4
CURRICULUM DEVELOPMENT SPECIALIST	23	3.3
INSERVICE TRAINING SPECIALIST	21	3.0
OTHER	129	18.7
INVALID OR NO RESPONSE	15	2.2

SPECIAL EDUCATION SUPERVISORS
MEDIA SPECIALISTS/LIBRARIANS
CURRICULUM DEVELOPMENT SPECIALISTS
INSERVICE TRAINING SPECIALISTS

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q5 HOW MANY SPECIAL EDUCATION TEACHERS ARE YOU WORKING WITH AT THE PRESENT TIME

	FREQ.	PCT
9 OR FEWER	193	28.0
30 OR MORE	185	26.8
10 TO 19	177	25.7
20 TO 29	125	18.1
INVALID OR NO RESPONSE	10	1.4

Q6 FOR THE HANDICAP AREAS LISTED BELOW:

	MARK THE SPECIALTIES OF TEACHERS YOU CURRENTLY WORK WITH		MARK THE TYPES OF HANDICAPPED STUDENTS YOU HAVE TAUGHT	
	FREQ.	PCT	FREQ.	PCT
SPEECH AND LANGUAGE IMPAIRED	469	68.0	222	32.2
EDUCABLE MENTALLY RETARDED	463	67.1	370	53.6
SPECIFIC LEARNING DISABLED	430	62.3	308	44.6
TRAINABLE AND/OR SEVERELY MENTALLY RETARDED	334	48.4	194	28.1
EMOTIONALLY DISTURBED	329	47.7	258	37.4
MULTIPLY AND/OR SEVERELY HANDICAPPED	279	40.4	161	23.3
DEAF AND HARD OF HEARING	274	39.7	159	23.0
PHYSICALLY/ORTHOPEDICALLY HANDICAPPED	260	37.7	158	22.9
BLIND AND VISUALLY IMPAIRED	166	24.1	79	11.4
NOT CATEGORICALLY DEFINED	119	17.2	106	15.4

Q7 WHAT CHRONOLOGICAL AGE CATEGORY BEST DESCRIBES THE STUDENTS TAUGHT BY THE TEACHERS YOU ARE WORKING WITH

	FREQ.	PCT
ALL AGES	471	68.3
11 AND YOUNGER	50	7.2
12 AND OLDER	33	4.8
9 TO 11	30	4.3
5 TO 8	24	3.5
15 TO 17	23	3.3
18 AND OLDER	16	2.3
12 TO 14	15	2.2
4 AND YOUNGER	7	1.0
INVALID OR NO RESPONSE	21	3.0

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SPECIAL EDUCATION SUPERVISORS
MEDIA SPECIALISTS/LIBRARIANS
CURRICULUM DEVELOPMENT SPECIALISTS
INSERVICE TRAINING SPECIALISTS

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q8 BY WHICH OF THE FOLLOWING ARE YOU EMPLOYED

	FREQ.	PCT
LOCAL PUBLIC SCHOOL DISTRICT	477	69.1
STATE AGENCY OTHER THAN STATE EDUCATION AGENCY	112	16.2
PRIVATE OR NONPUBLIC AGENCY	23	3.3
OTHER AGENCY	68	9.9
INVALID OR NO RESPONSE	10	1.4

Q9 AT WHAT TYPE OF FACILITY DO YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
REGULAR SCHOOL	375	54.3
SPECIAL EDUCATION RESIDENTIAL SCHOOL	89	12.9
SPECIAL EDUCATION SCHOOL (NONRESIDENTIAL)	79	11.4
DEVELOPMENTAL CENTER	22	3.2
HOSPITAL	14	2.0
CLINIC OR REHABILITATION AGENCY	3	0.4
OTHER FACILITY	93	13.5
INVALID OR NO RESPONSE	15	2.2

Q10 WHICH BEST DESCRIBES THE TYPE OF COMMUNITY IN WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
TOWN (25,000 OR UNDER)	144	20.9
SMALL CITY (25,000 -- 100,000)	119	17.2
MEDIUM-SIZE CITY (100,000 -- 500,000)	99	14.3
RURAL AREA NOT NEAR A LARGE OR MEDIUM-SIZE CITY	99	14.3
RURAL AREA NEAR A LARGE OR MEDIUM-SIZE CITY	75	10.9
LARGE CITY (500,000 OR LARGER)	70	10.1
SUBURB OF A LARGE OR MEDIUM-SIZE CITY	70	10.1
INVALID OR NO RESPONSE	14	2.0

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SECTION III. TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

RESPONDENT POPULATION 7: SUPERVISORS, MEDIA SPECIALISTS/LIBRARIANS, CURRICULUM DEVELOPMENT SPECIALISTS, INSERVICE TRAINING SPECIALISTS

SUBSECTION B. ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

THE NEXT TEN PAGES CONTAIN THE ANALYSES OF THE ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS FOR THE RESPONDENT POPULATION ABOVE. PRESENTED FOR EACH QUESTION, 1 THROUGH 13, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. ALL PERCENTAGE CALCULATIONS, EXCEPT THOSE FOR QUESTIONS 11 AND 13, ARE BASED ON THE RESPONDENT POPULATION FREQUENCY IN THE UPPER RIGHT CORNER OF THE PAGE.

FOR QUESTIONS 11 AND 13, THE RESPONDENT BASE IS RESTRICTED IN A MANNER THAT IS EVIDENT FROM READING THE QUESTIONS. THE RESPONSE TO EACH ALTERNATIVE IN QUESTION 11 IS PREDICATED UPON A RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 10. THEREFORE, THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 11 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 10, RATHER THAN THE RESPONDENT POPULATION FREQUENCY.

QUESTION 13 IS SIMILARLY CONTINGENT UPON QUESTION 12B. THAT IS, A RESPONSE TO A GIVEN ALTERNATIVE FOR QUESTION 13 WAS APPROPRIATE ONLY IF THAT SAME ALTERNATIVE WAS CHOSEN IN QUESTION 12B, AND THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 13 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 12B.

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Q1 HOW USEFUL ARE THE FOLLOWING RESOURCES FOR ASSISTING YOU IN TRAINING TEACHERS IN MEDIA AND MATERIALS SKILLS

	VERY USEFUL		OF SOME USE		NOT USEFUL		NOT AVAILABLE		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
INSTRUCTIONAL MATERIALS COLLECTION	232	33.6	225	32.6	31	4.5	49	7.1	38	5.5
VISITING MODEL PROGRAMS	191	27.7	193	28.0	45	6.5	94	13.6	52	7.5
MEDIA PRODUCTION/REPRODUCTION CENTER	160	23.2	211	30.6	43	6.2	127	18.4	34	4.9
CONSULTANTS	150	21.7	289	41.9	51	7.4	51	7.4	34	4.9
LIBRARY/REFERENCE FACILITIES	136	19.7	285	41.3	80	11.6	38	5.5	36	5.2
AREA LEARNING RESOURCE CENTER (ALRC)	134	19.4	179	25.9	82	11.9	138	20.0	42	6.1
DISTRICT SPONSORED PROGRAMS	132	19.1	240	34.8	60	8.7	98	14.2	45	6.5
PACKAGED TRAINING KITS	100	14.5	281	40.7	83	12.0	59	8.6	52	7.5
STATE EDUCATION AGENCIES	94	13.6	274	39.7	121	17.5	36	5.2	50	7.2
PUBLISHERS' REPRESENTATIVES	77	11.2	297	43.0	121	17.5	45	6.5	35	5.1
COLLEGE/UNIVERSITY FACULTY AND STAFF	67	9.7	294	42.6	115	16.7	61	8.8	38	5.5
COMMUNITY AGENCIES	52	7.5	216	31.3	149	21.6	98	14.2	60	8.7
SPECIAL OFFICES (SO)	40	5.8	116	16.8	99	14.3	238	34.5	82	11.9
NATIONAL CENTER (NCEMMH)	36	5.2	157	22.8	153	22.2	172	24.9	57	8.3

	FREQ.	PCT
I AM NOT RESPONSIBLE FOR TEACHER TRAINING	115	16.7

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Q2 FOR THE TEACHERS YOU WORK WITH, HOW MANY INSERVICE DAYS PER YEAR, ON THE AVERAGE, ARE CURRENTLY ALLOCATED TO MEDIA AND MATERIALS TRAINING

	FREQ.	PCT
NONE	181	26.2
1 DAY	131	19.0
2 DAYS	106	15.4
HALF A DAY	101	14.6
4 OR MORE DAYS	93	13.5
3 DAYS	53	7.7
INVALID OR NO RESPONSE	25	3.6

Q3 GIVEN THE TRAINING NEEDS OF THE TEACHERS YOU WORK WITH, HOW MANY INSERVICE DAYS SHOULD BE ALLOCATED TO MEDIA AND MATERIALS TRAINING

	FREQ.	PCT
4 OR MORE DAYS	257	37.2
2 DAYS	155	22.5
3 DAYS	109	15.8
1 DAY	78	11.3
HALF A DAY	23	3.3
NONE	10	1.4
INVALID OR NO RESPONSE	58	8.4

Q4 HOW ARE YOUR OWN PERSONAL TRAINING NEEDS USUALLY MADE KNOWN TO ADMINISTRATIVE PERSONNEL IN YOUR DISTRICT OR FACILITY

	FREQ.	PCT
DIRECT REQUEST	442	64.1
NO REGULAR PROCEDURE TO MAKE TRAINING NEEDS KNOWN	172	24.9
OTHER PROCEDURE	32	4.6
STRUCTURED INTERVIEW/QUESTIONNAIRE	21	3.0
INVALID OR NO RESPONSE	23	3.3

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Q5 TO WHAT EXTENT IS EACH OF THE FOLLOWING AN OBSTACLE TO ACQUIRING THE MEDIA AND MATERIALS TRAINING YOU NEED

	GREAT		MODERATE		LITTLE OR NOT AT ALL		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
TOO EXPENSIVE	254	36.8	222	32.2	131	19.0	83	12.0
INSUFFICIENT RELEASED TIME	235	34.1	180	26.1	204	29.6	71	10.3
INCONVENIENT LOCATION	223	32.3	215	31.2	171	24.8	81	11.7
INCONVENIENT SCHEDULING	191	27.7	246	35.7	170	24.6	83	12.0
LACK OF INFORMATION ABOUT TRAINING OPPORTUNITIES	155	22.5	269	39.0	190	27.5	76	11.0
LACK OF QUALIFIED TRAINERS	129	18.7	233	33.8	229	33.2	99	14.3
TRAINING I NEED NOT OFFERED	113	16.4	287	41.6	197	28.6	93	13.5
NEGATIVE ATTITUDE OF ADMINISTRATORS ABOUT INSERVICE	100	14.5	178	25.8	330	47.8	82	11.9
OTHER	30	4.3	26	3.8	57	8.3	577	83.6

Q6 FROM WHICH OF THE FOLLOWING SOURCES DO YOU OBTAIN MOST OF YOUR INFORMATION ABOUT TRAINING OPPORTUNITIES

	FREQ.	PCT
NO SOURCE AVAILABLE	15	2.2
WORKSHOPS AND CONFERENCES	396	57.4
WORD OF MOUTH FROM COLLEAGUES	270	39.1
REGIONAL (IN-STATE) NEWSLETTERS/ANNOUNCEMENTS	254	36.8
PROFESSIONAL JOURNALS	243	35.2
STATE NEWSLETTERS/ANNOUNCEMENTS	180	26.1
DISTRICT NEWSLETTERS/ANNOUNCEMENTS	167	24.2
COLLEGE BULLETINS AND ANNOUNCEMENTS	139	20.1
PUBLISHERS' BROCHURES	118	17.1
NATIONAL NEWSLETTERS/ANNOUNCEMENTS	83	12.0
REGIONAL (MULTI-STATE) NEWSLETTERS/ANNOUNCEMENTS	62	9.0
PUBLIC MEDIA ANNOUNCEMENTS	25	3.6
OTHER	30	4.3

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Q7 HAVE PACKAGED TRAINING KITS AND/OR PROGRAMMED MATERIALS PLAYED AN IMPORTANT ROLE IN YOUR TRAINING

	YES		NO		NEVER USED		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
DURING PRESERVICE/IN COLLEGE	139	20.1	274	39.7	227	32.9	50	7.2
DURING INSERVICE	236	34.2	235	34.1	170	24.6	49	7.1
ON YOUR OWN	264	38.3	209	30.3	164	23.8	53	7.7

Q8 HOW VALUABLE WOULD SELF-INSTRUCTIONAL TRAINING KITS BE FOR YOUR OWN TRAINING NEEDS IN EACH OF THE FOLLOWING SKILLS

	OF GREAT VALUE		OF SOME VALUE		OF LITTLE OR NO VALUE		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
MATCHING MEDIA/MATERIALS TO LEARNER NEEDS	381	55.2	240	34.8	41	5.9	28	4.1
ADAPTING MEDIA/MATERIALS	321	46.5	290	42.0	45	6.5	34	4.9
DESIGNING MEDIA/MATERIALS	280	40.6	274	39.7	98	14.2	38	5.5
UTILIZING MEDIA/MATERIALS	273	39.6	321	46.5	57	8.3	39	5.7
SELECTING/EVALUATING MEDIA/MATERIALS	269	39.0	325	47.1	72	10.4	24	3.5
REPAIRING MEDIA AND EQUIPMENT	172	24.9	258	37.4	219	31.7	41	5.9

Q9 FOR EACH OF THE FOLLOWING SKILLS, HOW VALUABLE WOULD PACKAGED TRAINING KITS BE FOR USE WITH TEACHERS YOU WORK WITH

	OF GREAT VALUE		OF SOME VALUE		OF LITTLE OR NO VALUE		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
MATCHING MEDIA/MATERIALS TO LEARNER NEEDS	419	60.7	216	31.3	32	4.6	23	3.3
ADAPTING MEDIA/MATERIALS	361	52.3	261	37.8	34	4.9	34	4.9
UTILIZING MEDIA/MATERIALS	339	49.1	277	40.1	36	5.2	38	5.5
SELECTING/EVALUATING MEDIA/MATERIALS	310	44.9	301	43.6	51	7.4	28	4.1
DESIGNING MEDIA/MATERIALS	272	39.4	298	43.2	81	11.7	39	5.7
REPAIRING MEDIA AND EQUIPMENT	145	21.0	266	38.6	237	34.3	42	6.1

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Q10 WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q11 FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q10		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
HOW TO SELECT MEDIA AND MATERIALS ACCORDING TO SPECIFIIC LEARNING OBJECTIVES FOR										
COGNITIVE DEVELOPMENT	469	68.0	273	58.2	65	13.9	92	19.6	22	4.7
SOCIAL/PERSONAL DEVELOPMENT	465	67.4	172	37.0	79	17.0	175	37.6	21	4.5
ACADEMIC DEVELOPMENT	464	67.2	283	61.0	55	11.9	92	19.8	14	3.0
LANGUAGE/SPEECH DEVELOPMENT	423	61.3	196	46.3	66	15.6	109	25.8	39	9.2
PSYCHOMOTOR DEVELOPMENT	349	50.6	143	41.0	80	22.9	89	25.5	22	6.3
HOW TO SELECT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	567	82.2	232	40.9	104	18.3	186	32.8	19	3.4
PUPIL INTEREST LEVEL	469	68.0	141	30.1	78	16.6	214	45.6	16	3.4
PUPIL RESPONSE MODE	383	55.5	122	31.9	75	19.6	139	36.3	24	6.3
PUPIL SENSORY INPUT MODE	377	54.6	152	40.3	85	22.5	103	27.3	19	5.0
PUPIL CULTURAL BACKGROUND	272	39.4	56	20.6	54	19.9	121	44.5	23	8.5
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO										
SPECIFIC LEARNING OBJECTIVES	519	75.2	185	35.6	129	24.9	152	29.3	31	6.0
PUPIL FUNCTIONAL LEVEL	488	70.7	163	33.4	82	16.8	190	38.9	27	5.5
PUPIL INTEREST LEVEL	397	57.5	94	23.7	65	16.4	194	48.9	22	5.5
PUPIL RESPONSE MODE	338	49.0	87	25.7	73	21.6	123	36.4	35	10.4
PUPIL SENSORY INPUT MODE	333	48.3	102	30.6	74	22.2	106	31.8	34	10.2
PUPIL CULTURAL BACKGROUND	240	34.8	41	17.1	46	19.2	109	45.4	29	12.1
HOW TO										
EVALUATE EFFECTIVENESS OF MEDIA/MATERIALS	530	76.8	126	23.8	108	20.4	202	38.1	64	12.1
COORDINATE TWO OR MORE KINDS OF MATERIALS	334	48.4	59	17.7	50	15.0	168	50.3	38	11.4
USE INSTR. MATERIALS/LEARNING RESOURCE CENTER	315	45.7	62	19.7	104	33.0	109	34.6	16	5.1
INTERPRET RESEARCH ON MEDIA/MATERIALS	304	44.1	144	47.4	32	10.5	82	27.0	30	9.9
TRAIN PARENTS IN USE OF CHILD INSTR. MTRLS	269	39.0	28	10.4	46	17.1	98	36.4	74	27.5
PLAN/IMPLEMENT A MULTIMEDIA PRESENTATION	213	30.9	44	20.7	39	18.3	90	42.3	28	13.1
PREPARE MULTIMEDIA KITS	167	24.2	32	19.2	36	21.6	57	34.1	31	18.6
USE A COMPUTER TO OBTAIN MATERIALS INFO.	112	16.2	16	14.3	26	23.2	9	8.0	51	45.5
USE A COMPUTER TO DIAGNOSE LEARNER NEEDS	110	15.9	7	6.4	23	20.9	5	4.5	68	61.8
USE A COMPUTER TO MONITOR PUPIL PROGRESS	103	14.9	9	8.7	20	19.4	8	7.8	61	59.2

(NOTE: PERCENTAGES FOR QUESTION 11 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 10.)

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Q10 (CONTINUED) WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q11 (CONTINUED) FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q10		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES										
MATERIALS FOR INDEPENDENT CHILD USE	356	51.6	66	18.5	100	28.1	128	36.0	27	7.6
PROGRAMMED INSTRUCTIONAL MATERIALS	304	44.1	57	18.8	99	32.6	90	29.6	27	8.9
MEDIA HARDWARE AND EQUIPMENT	258	37.4	74	28.7	71	27.5	83	32.2	16	6.2
MULTIMEDIA KITS	245	35.5	42	17.1	70	28.6	75	30.6	33	13.5
ADAPTIVE EQUIPMENT	196	28.4	36	18.4	66	33.7	61	31.1	22	11.2
HOW TO MAKE										
A MASTER FOR REPRODUCTION UNITS	249	36.1	69	27.7	53	21.3	96	38.6	15	6.0
AUDIO-VISUAL MATERIALS	248	35.9	92	37.1	52	21.0	69	27.8	23	9.3
TACTILE MATERIALS	215	31.2	61	28.4	44	20.5	67	31.2	25	11.6
GRAPHICS (E.G., CHARTS, FLASH CARDS)	197	28.6	70	35.5	30	15.2	77	39.1	11	5.6
AUDIO MATERIALS	180	26.1	67	37.2	33	18.3	52	28.9	13	7.2
EXHIBITS	165	23.9	36	21.8	29	17.6	66	40.0	19	11.5
HOW TO OPERATE										
TAPE RECORDER	287	41.6	73	25.4	31	10.8	164	57.1	4	1.4
FILMSTRIP PROJECTOR	275	39.9	100	36.4	35	12.7	118	42.9	6	2.2
FILM PROJECTOR	262	38.0	111	42.4	35	13.4	94	35.9	7	2.7
VIDEOTAPE EQUIPMENT	222	32.2	43	19.4	55	24.8	64	28.8	43	19.4
UNIQUE TEACHING MACHINES	182	26.4	21	11.5	51	28.0	50	27.5	44	24.2
DRY MOUNT PRESS/LAMINATOR	166	24.1	37	22.3	62	37.3	39	23.5	19	11.4
SPECIALIZED EQUIPMENT (E.G., OPTACON)	133	19.3	21	15.8	38	28.6	28	21.1	41	30.8
STILL PHOTOGRAPHIC EQUIPMENT	118	17.1	24	20.3	19	16.1	52	44.1	17	14.4
MOTION PICTURE CAMERA	112	16.2	38	33.9	16	14.3	41	36.6	8	7.1
COMPUTER-BASED INSTRUCTIONAL EQUIPMENT	92	13.3	13	14.1	22	23.9	8	8.7	45	48.9

(NOTE: PERCENTAGES FOR QUESTION 11 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 10.)

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Q12A FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT THE TRAINING NEEDS IN GREATEST DEMAND BY THE TEACHERS YOU WORK WITH

	FREQ.	PCT
HOW TO SELECT MEDIA AND MATERIALS ACCORDING TO SPECIFIC LEARNING OBJECTIVES FOR		
SOCIAL/PERSONAL DEVELOPMENT	254	36.8
ACADEMIC DEVELOPMENT	240	34.8
COGNITIVE DEVELOPMENT	226	32.8
LANGUAGE/SPEECH DEVELOPMENT	214	31.0
PSYCHOMOTOR DEVELOPMENT	124	18.0
HOW TO SELECT MEDIA AND MATERIALS ACCORDING TO		
PUPIL FUNCTIONAL LEVEL	333	48.3
PUPIL INTEREST LEVEL	189	27.4
PUPIL SENSORY INPUT MODE	164	23.8
PUPIL RESPONSE MODE	143	20.7
PUPIL CULTURAL BACKROUND	90	13.0
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO		
SPECIFIC LEARNING OBJECTIVES	377	54.6
PUPIL FUNCTIONAL LEVEL	230	33.3
PUPIL SENSORY INPUT MODE	124	18.0
PUPIL INTEREST LEVEL	116	16.8
PUPIL RESPONSE MODE	104	15.1
PUPIL CULTURAL BACKROUND	67	9.7
HOW TO		
EVALUATE EFFECTIVENESS OF MEDIA/MATERIALS	296	42.9
TRAIN PARENTS IN USE OF CHILD INSTR. MTRLS	145	21.0
COORDINATE TWO OR MORE KINDS OF MATERIALS	142	20.6
USE INSTR. MATERIALS/LEARNING RESOURCE CENTER	136	19.7
INTERPRET RESEARCH ON MEDIA/MATERIALS	83	12.0
PREPARE MULTIMEDIA KITS	65	9.4
PLAN/IMPLEMENT A MULTIMEDIA PRESENTATION	59	8.6
USE A COMPUTER TO DIAGNOSE LEARNER NEEDS	44	6.4
USE A COMPUTER TO OBTAIN MATERIALS INFORMATION	39	5.7
USE A COMPUTER TO MONITOR PUPIL PROGRESS	36	5.2

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HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES	FREQ.	PCT
MATERIALS FOR INDEPENDENT CHILD USE	162	23.5
PROGRAMMED INSTRUCTIONAL MATERIALS	106	15.4
MEDIA HARDWARE AND EQUIPMENT	94	13.6
ADAPTIVE EQUIPMENT	78	11.3
MULTIMEDIA KITS	69	10.0
HOW TO MAKE		
AUDIO-VISUAL MATERIALS	90	13.0
TACTILE MATERIALS	75	10.9
A MASTER FOR REPRODUCTION UNITS	56	8.1
GRAPHICS (E.G., CHARTS, FLASH CARDS)	44	6.4
AUDIO MATERIALS	42	6.1
EXHIBITS	32	4.6
HOW TO OPERATE		
VIDEOTAPE EQUIPMENT	75	10.9
UNIQUE TEACHING MACHINES	63	9.1
SPECIALIZED EQUIPMENT (E.G., OPTACON, PHONIC EAR)	53	7.7
FILM PROJECTOR	45	6.5
DRY MOUNT PRESS/LAMINATOR	44	6.4
FILMSTRIP PROJECTOR	42	6.1
COMPUTER-BASED INSTRUCTIONAL EQUIPMENT	40	5.8
TAPE RECORDER	36	5.2
STILL PHOTOGRAPHIC EQUIPMENT	21	3.0
MOTION PICTURE CAMERA	21	3.0

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Q12B FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR YOUR OWN FUTURE TRAINING

Q13 FOR EACH OF YOUR OWN PRIORITIES MARKED IN QUESTION 12B, INDICATE WHO WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 13 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 12B.)

	Q12B		PRINCIPAL/ COLLEAGUES		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
HOW TO SELECT MEDIA/MATERIALS ACCORDING TO SPECIFIC LEARNING OBJECTIVES FOR																
SOCIAL/PERSONAL DEVELOPMENT	181	26.2	11	6.1	33	18.2	40	22.1	11	6.1	28	15.5	3	1.7	46	25.4
COGNITIVE DEVELOPMENT	181	26.2	5	2.8	28	15.5	42	23.2	11	6.1	65	35.9	7	3.9	14	7.7
LANGUAGE/SPEECH DEVELOPMENT	179	25.9	21	11.7	28	15.6	40	22.3	9	5.0	49	27.4	4	2.2	21	11.7
ACADEMIC DEVELOPMENT	142	20.6	14	9.9	11	7.7	26	18.3	9	6.3	44	31.0	4	2.8	21	14.8
PSYCHOMOTOR DEVELOPMENT	111	16.1	4	3.6	20	18.0	20	18.0	9	8.1	38	34.2	3	2.7	11	9.9
HOW TO SELECT MEDIA/MATERIALS ACCORDING TO																
PUPIL FUNCTIONAL LEVEL	185	26.8	13	7.0	26	14.1	26	14.1	10	5.4	53	28.6	5	2.7	47	25.4
PUPIL SENSORY INPUT MODE	117	17.0	4	3.4	19	16.2	31	26.5	5	4.3	33	28.2	5	4.3	13	11.1
PUPIL INTEREST LEVEL	105	15.2	12	11.4	10	9.5	18	17.1	4	3.8	16	15.2	5	4.8	32	30.5
PUPIL RESPONSE MODE	99	14.3	5	5.1	12	12.1	27	27.3	3	3.0	27	27.3	3	3.0	18	18.2
PUPIL CULTURAL BACKGROUND	72	10.4	6	8.3	8	11.1	16	22.2	7	9.7	7	9.7	2	2.8	21	29.2
HOW TO DESIGN OR ADAPT MEDIA/ MATERIALS ACCORDING TO																
SPECIFIC LEARNING OBJECTIVES ...	223	32.3	17	7.6	21	9.4	52	23.3	23	10.3	58	26.0	9	4.0	37	16.6
PUPIL FUNCTIONAL LEVEL	117	17.0	11	9.4	17	14.5	16	13.7	5	4.3	24	20.5	4	3.4	32	27.4
PUPIL SENSORY INPUT MODE	84	12.2	2	2.4	10	11.9	30	35.7	6	7.1	24	28.6	2	2.4	7	8.3
PUPIL RESPONSE MODE	79	11.4	6	7.6	9	11.4	21	26.6	6	7.6	16	20.3	3	3.8	14	17.7
PUPIL INTEREST LEVEL	71	10.3	11	15.5	4	5.6	25	35.2	1	1.4	5	7.0	6	8.5	17	23.9
PUPIL CULTURAL BACKGROUND	53	7.7	1	1.9	6	11.3	14	26.4	4	7.5	4	7.5	2	3.8	17	32.1
HOW TO																
EVAL. EFFECT. OF MEDIA/MTRLS ...	308	44.6	11	3.6	41	13.3	89	28.9	42	13.6	47	15.3	11	3.6	51	16.6
INTERPRET MEDIA/MTRLS RESEARCH .	158	22.9	3	1.9	23	14.6	29	18.4	17	10.8	58	36.7	4	2.5	14	8.9
TRAIN PARENTS IN CHILD MTRLS USE	127	18.4	6	4.7	19	15.0	24	18.9	15	11.8	26	20.5	9	7.1	20	15.7
USE COMPUTER FOR DIAGNOSIS	104	15.1	0	0.0	14	13.5	17	16.3	8	7.7	32	30.8	18	17.3	8	7.7
COORD. TWO/MORE KINDS OF MTRLS .	94	13.6	5	5.3	10	10.6	32	34.0	8	8.5	8	8.5	8	8.5	16	17.0
USE COMPUTER FOR MTRLS INFO. ...	94	13.6	1	1.1	18	19.1	22	23.4	7	7.4	25	26.6	14	14.9	4	4.3
PLAN MULTIMEDIA PRESENTATION ...	87	12.6	3	3.4	12	13.8	33	37.9	6	6.9	11	12.6	14	16.1	6	6.9
USE INSTR. MTRLS/LRNG RES. CTR .	87	12.6	7	8.0	5	5.7	32	36.8	13	14.9	8	9.2	3	3.4	16	18.4
USE COMPUTER TO MONITOR PROGRESS	80	11.6	1	1.3	15	18.8	12	15.0	6	7.5	21	26.3	15	18.8	6	7.5
PREPARE MULTIMEDIA KITS	74	10.7	3	4.1	7	9.5	31	41.9	5	6.8	10	13.5	5	6.8	6	8.1

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INSERVICE TRAINING SPECIALISTS

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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q12B (CONTINUED) FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR YOUR OWN FUTURE TRAINING

Q13 (CONTINUED) FOR EACH OF YOUR OWN PRIORITIES MARKED IN QUESTION 12B, INDICATE WHO WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 13 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 12B.)

			PRINCIPAL/ COLLEAGUES		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
MTRLS FOR INDEP. CHILD USE	83	12.0	4	4.8	10	12.0	29	34.9	8	9.6	12	14.5	11	13.3	7	8.4
PROGRAMMED INSTR. MATERIALS	78	11.3	4	5.1	6	7.7	27	34.6	3	3.8	11	14.1	20	25.6	2	2.6
MULTIMEDIA KITS	61	8.8	4	6.6	8	13.1	16	26.2	6	9.8	5	8.2	11	18.0	6	9.8
ADAPTIVE EQUIPMENT	54	7.8	3	5.6	7	13.0	18	33.3	6	11.1	4	7.4	9	16.7	4	7.4
MEDIA HARDWARE/EQUIPMENT	51	7.4	3	5.9	5	9.8	11	21.6	4	7.8	6	11.8	15	29.4	5	9.8
HOW TO MAKE																
AUDIO-VISUAL MATERIALS	48	7.0	2	4.2	6	12.5	13	27.1	4	8.3	5	10.4	6	12.5	9	18.8
TACTILE MATERIALS	38	5.5	3	7.9	6	15.8	11	28.9	3	7.9	8	21.1	2	5.3	3	7.9
EXHIBITS	37	5.4	3	8.1	8	21.6	8	21.6	2	5.4	3	8.1	8	21.6	3	8.1
MASTER FOR REPRODUCTION UNITS ..	26	3.8	4	15.4	2	7.7	5	19.2	1	3.8	1	3.8	4	15.4	8	30.8
GRAPHICS (E.G., CHARTS)	25	3.6	3	12.0	5	20.0	4	16.0	3	12.0	5	20.0	1	4.0	4	16.0
AUDIO MATERIALS	19	2.8	1	5.3	3	15.8	3	15.8	1	5.3	2	10.5	3	15.8	3	15.8
HOW TO OPERATE																
COMPUTER-BASED INSTR. EQUIP. ...	77	11.2	2	2.6	8	10.4	10	13.0	6	7.8	13	16.9	25	32.5	5	6.5
VIDEOTAPE EQUIPMENT	68	9.9	6	8.8	7	10.3	13	19.1	4	5.9	8	11.8	16	23.5	11	16.2
UNIQUE TEACHING MACHINES	56	8.1	0	0.0	4	7.1	10	17.9	4	7.1	5	8.9	26	46.4	4	7.1
SPECIALIZED EQUIPMENT	48	7.0	3	6.3	9	18.8	6	12.5	0	0.0	2	4.2	23	47.9	2	4.2
DRY MOUNT PRESS/LAMINATOR	23	3.3	2	8.7	1	4.3	5	21.7	0	0.0	2	8.7	2	8.7	8	34.8
STILL PHOTOGRAPHIC EQUIPMENT ...	20	2.9	2	10.0	2	10.0	4	20.0	1	5.0	2	10.0	4	20.0	3	15.0
MOTION PICTURE CAMERA	18	2.6	3	16.7	1	5.6	3	16.7	0	0.0	2	11.1	4	22.2	4	22.2
TAPE RECORDER	13	1.9	3	23.1	0	0.0	1	7.7	0	0.0	1	7.7	0	0.0	7	53.8
FILM PROJECTOR	13	1.9	3	23.1	0	0.0	0	0.0	2	15.4	1	7.7	1	7.7	5	38.5
FILMSTRIP PROJECTOR	9	1.3	1	11.1	0	0.0	0	0.0	1	11.1	1	11.1	0	0.0	4	44.4

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RESPONDENT POPULATION 7: SUPERVISORS, MEDIA SPECIALISTS/LIBRARIANS, CURRICULUM DEVELOPMENT SPECIALISTS, INSERVICE TRAINING SPECIALISTS

SUBSECTION C. DEMOGRAPHIC DESCRIPTION OF THE SUBGROUP OF SPECIAL EDUCATION SUPERVISORS

ON THE FOLLOWING THREE PAGES IS A DEMOGRAPHIC DESCRIPTION OF THE SUBGROUP OF SPECIAL EDUCATION SUPERVISORS FROM THE RESPONDENT POPULATION ABOVE. FOR PURPOSES OF THE ANALYSES IN THIS AND THE NEXT SUBSECTION (D), "SPECIAL EDUCATION SUPERVISOR" IS DEFINED AS A RESPONDENT WHO INDICATED IN QUESTION 4 OF THE DEMOGRAPHIC SECTION OF THE QUESTIONNAIRE (PAGE 11) THAT HIS PRIMARY ROLE AT THE PRESENT TIME WAS THAT OF "SUPERVISOR."

THE SUBGROUP IDENTIFICATION APPEARS IN THE UPPER LEFT CORNER OF THE PAGE. THE NUMBER OF RESPONDENTS IN THIS SUBGROUP APPEARS OPPOSITE ITS DESCRIPTION, IN THE UPPER RIGHT CORNER OF THE PAGE. PRESENTED FOR EACH QUESTION, 2 THROUGH 10, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. ALL PERCENTAGE CALCULATIONS ARE BASED ON THE NUMBER OF RESPONDENTS IN THE SUBGROUP. (NOTE: QUESTION 1 CONSISTED OF A ZIP CODE IDENTIFIER WHICH WAS USED ONLY TO CLASSIFY RESPONDENTS BY STATE.)

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q2 WHAT IS YOUR HIGHEST LEVEL OF FORMAL EDUCATION IN EACH OF THE THREE CATEGORIES BELOW

	IN SPECIAL EDUCATION		IN OTHER EDUCATION-RELATED SPECIALTY		IN OTHER FIELD	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
SOME COLLEGE COURSES	52	11.7	19	4.3	69	15.5
BACHELOR'S DEGREE	9	2.0	46	10.4	57	12.8
WORK BEYOND THE B.A.	30	6.8	41	9.2	29	6.5
MASTER'S DEGREE	73	16.4	62	14.0	13	2.9
WORK BEYOND THE M.A.	201	45.3	169	38.1	47	10.6
PH.D., ED.D.	19	4.3	21	4.7	2	0.5
NONE	8	1.8	4	0.9	39	8.8
INVALID OR NO RESPONSE	52	11.7	82	18.5	188	42.3

Q3 WHAT IS THE EXTENT OF YOUR PROFESSIONAL EXPERIENCE IN EACH OF THE THREE CATEGORIES BELOW

	SPECIAL EDUCATION SUPERVISION		TEACHING THE HANDICAPPED		OTHER EDUCATION WORK	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
LESS THAN 1 YEAR	51	11.5	30	6.8	30	6.8
1 TO 3 YEARS	132	29.7	98	22.1	88	19.8
4 TO 7 YEARS	145	32.7	123	27.7	71	16.0
8 TO 15 YEARS	94	21.2	93	20.9	87	19.6
16 OR MORE YEARS	11	2.5	24	5.4	69	15.5
NONE	1	0.2	31	7.0	36	8.1
INVALID OR NO RESPONSE	10	2.3	45	10.1	63	14.2

Q4 WHAT IS YOUR PRIMARY ROLE AT THE PRESENT TIME

	FREQ.	PCT
SUPERVISOR	444	100.0
MEDIA SPECIALIST OR LIBRARIAN	0	0.0
CURRICULUM DEVELOPMENT SPECIALIST	0	0.0
INSERVICE TRAINING SPECIALIST	0	0.0
OTHER	0	0.0
INVALID OR NO RESPONSE	0	0.0

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q5 HOW MANY SPECIAL EDUCATION TEACHERS ARE YOU WORKING WITH AT THE PRESENT TIME

	FREQ.	PCT
10 TO 19	123	27.7
30 OR MORE	113	25.5
9 OR FEWER	107	24.1
20 TO 29	100	22.5
INVALID OR NO RESPONSE	1	0.2

Q6 FOR THE HANDICAP AREAS LISTED BELOW:

	MARK THE SPECIALTIES OF TEACHERS YOU CURRENTLY WORK WITH		MARK THE TYPES OF HANDICAPPED STUDENTS YOU HAVE TAUGHT	
	FREQ.	PCT	FREQ.	PCT
EDUCABLE MENTALLY RETARDED	310	69.8	258	58.1
SPEECH AND LANGUAGE IMPAIRED	295	66.4	138	31.1
SPECIFIC LEARNING DISABLED	281	63.3	203	45.7
TRAINABLE AND/OR SEVERELY MENTALLY RETARDED	225	50.7	130	29.3
EMOTIONALLY DISTURBED	213	48.0	166	37.4
MULTIPLY AND/OR SEVERELY HANDICAPPED	186	41.9	105	23.6
DEAF AND HARD OF HEARING	179	40.3	99	22.3
PHYSICALLY/ORTHOPEDICALLY HANDICAPPED	169	38.1	102	23.0
BLIND AND VISUALLY IMPAIRED	107	24.1	46	10.4
NOT CATEGORICALLY DEFINED	77	17.3	60	13.5

Q7 WHAT CHRONOLOGICAL AGE CATEGORY BEST DESCRIBES THE STUDENTS TAUGHT BY THE TEACHERS YOU ARE WORKING WITH

	FREQ.	PCT
ALL AGES	324	73.0
11 AND YOUNGER	32	7.2
12 AND OLDER	20	4.5
9 TO 11	16	3.6
15 TO 17	11	2.5
5 TO 8	10	2.3
18 AND OLDER	10	2.3
4 AND YOUNGER	6	1.4
12 TO 14	6	1.4
INVALID OR NO RESPONSE	9	2.0

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q8 BY WHICH OF THE FOLLOWING ARE YOU EMPLOYED

	FREQ.	PCT
LOCAL PUBLIC SCHOOL DISTRICT	328	73.9
STATE AGENCY OTHER THAN STATE EDUCATION AGENCY	57	12.8
PRIVATE OR NONPUBLIC AGENCY	11	2.5
OTHER AGENCY	47	10.6
INVALID OR NO RESPONSE	1	0.2

Q9 AT WHAT TYPE OF FACILITY DO YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
REGULAR SCHOOL	254	57.2
SPECIAL EDUCATION SCHOOL (NONRESIDENTIAL)	53	11.9
SPECIAL EDUCATION RESIDENTIAL SCHOOL	47	10.6
HOSPITAL	11	2.5
DEVELOPMENTAL CENTER	9	2.0
CLINIC OR REHABILITATION AGENCY	1	0.2
OTHER FACILITY	63	14.2
INVALID OR NO RESPONSE	6	1.4

Q10 WHICH BEST DESCRIBES THE TYPE OF COMMUNITY IN WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
TOWN (25,000 OR UNDER)	87	19.6
SMALL CITY (25,000 -- 100,000)	74	16.7
MEDIUM-SIZE CITY (100,000 -- 500,000)	73	16.4
RURAL AREA NOT NEAR A LARGE OR MEDIUM-SIZE CITY	72	16.2
SUBURB OF A LARGE OR MEDIUM-SIZE CITY	48	10.8
RURAL AREA NEAR A LARGE OR MEDIUM-SIZE CITY	46	10.4
LARGE CITY (500,000 OR LARGER)	40	9.0
INVALID OR NO RESPONSE	4	0.9

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SUBSECTION D. ANALYSIS OF ITEMS ON TRAINING FOR THE SUBGROUP OF SPECIAL EDUCATION SUPERVISORS

THE NEXT TEN PAGES CONTAIN THE ANALYSES OF THE ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS FOR THE SUBGROUP OF SPECIAL EDUCATION SUPERVISORS FROM THE RESPONDENT POPULATION ABOVE. (THE TERM "SPECIAL EDUCATION SUPERVISOR" IS DEFINED IN THE INTRODUCTION TO SUBSECTION C.) THIS SUBGROUP IS INDICATED IN THE UPPER LEFT CORNER OF THE PAGE. THE NUMBER OF RESPONDENTS IN THE SUBGROUP APPEARS OPPOSITE ITS DESCRIPTION, IN THE UPPER RIGHT CORNER OF THE PAGE.

PRESENTED FOR EACH QUESTION, 1 THROUGH 13, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. ALL PERCENTAGE CALCULATIONS, EXCEPT THOSE FOR QUESTIONS 11 AND 13, ARE BASED ON THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

FOR QUESTIONS 11 AND 13, THE RESPONDENT BASE IS RESTRICTED IN A MANNER THAT IS EVIDENT FROM READING THE QUESTIONS; I.E., THE RESPONSE TO EACH ALTERNATIVE IN QUESTION 11 IS PREDICATED UPON A RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 10. THEREFORE, THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 11 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 10, RATHER THAN THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

QUESTION 13 IS SIMILARLY CONTINGENT UPON QUESTION 12B. THAT IS, A RESPONSE TO A GIVEN ALTERNATIVE FOR QUESTION 13 WAS APPROPRIATE ONLY IF THAT SAME ALTERNATIVE WAS CHOSEN IN QUESTION 12B, AND THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 13 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 12B.

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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q1 HOW USEFUL ARE THE FOLLOWING RESOURCES FOR ASSISTING YOU IN TRAINING TEACHERS IN MEDIA AND MATERIALS SKILLS

	VERY USEFUL		OF SOME USE		NOT USEFUL		NOT AVAILABLE		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
INSTRUCTIONAL MATERIALS COLLECTION	161	36.3	163	36.7	19	4.3	35	7.9	23	5.2
VISITING MODEL PROGRAMS	148	33.3	139	31.3	32	7.2	56	12.6	26	5.9
CONSULTANTS	110	24.8	202	45.5	40	9.0	29	6.5	20	4.5
MEDIA PRODUCTION/REPRODUCTION CENTER	106	23.9	145	32.7	37	8.3	90	20.3	23	5.2
DISTRICT SPONSORED PROGRAMS	103	23.2	170	38.3	42	9.5	61	13.7	25	5.6
AREA LEARNING RESOURCE CENTER (ALRC)	97	21.8	131	29.5	58	13.1	89	20.0	26	5.9
LIBRARY/REFERENCE FACILITIES	92	20.7	203	45.7	59	13.3	24	5.4	23	5.2
PACKAGED TRAINING KITS	74	16.7	204	45.9	62	14.0	35	7.9	26	5.9
STATE EDUCATION AGENCIES	72	16.2	191	43.0	86	19.4	23	5.2	29	6.5
PUBLISHERS' REPRESENTATIVES	57	12.8	211	47.5	87	19.6	28	6.3	18	4.1
COLLEGE/UNIVERSITY FACULTY AND STAFF	48	10.8	207	46.6	85	19.1	40	9.0	21	4.7
COMMUNITY AGENCIES	42	9.5	151	34.0	106	23.9	65	14.6	37	8.3
SPECIAL OFFICES (SO)	30	6.8	82	18.5	66	14.9	163	36.7	60	13.5
NATIONAL CENTER (NCEMMH)	22	5.0	110	24.8	114	25.7	116	26.1	39	8.8

	FREQ.	PCT
I AM NOT RESPONSIBLE FOR TEACHER TRAINING	43	9.7

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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q2 FOR THE TEACHERS YOU WORK WITH, HOW MANY INSERVICE DAYS PER YEAR, ON THE AVERAGE, ARE CURRENTLY ALLOCATED TO MEDIA AND MATERIALS TRAINING

	FREQ.	PCT
NONE	104	23.4
1 DAY	88	19.8
2 DAYS	73	16.4
HALF A DAY	65	14.6
4 OR MORE DAYS	65	14.6
3 DAYS	38	8.6
INVALID OR NO RESPONSE	11	2.5

Q3 GIVEN THE TRAINING NEEDS OF THE TEACHERS YOU WORK WITH, HOW MANY INSERVICE DAYS SHOULD BE ALLOCATED TO MEDIA AND MATERIALS TRAINING

	FREQ.	PCT
4 OR MORE DAYS	171	38.5
2 DAYS	100	22.5
3 DAYS	68	15.3
1 DAY	53	11.9
HALF A DAY	15	3.4
NONE	4	0.9
INVALID OR NO RESPONSE	33	7.4

Q4 HOW ARE YOUR OWN PERSONAL TRAINING NEEDS USUALLY MADE KNOWN TO ADMINISTRATIVE PERSONNEL IN YOUR DISTRICT OR FACILITY

	FREQ.	PCT
DIRECT REQUEST	303	68.2
NO REGULAR PROCEDURE TO MAKE TRAINING NEEDS KNOWN	94	21.2
OTHER PROCEDURE	21	4.7
STRUCTURED INTERVIEW/QUESTIONNAIRE	16	3.6
INVALID OR NO RESPONSE	10	2.3

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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q5 TO WHAT EXTENT IS EACH OF THE FOLLOWING AN OBSTACLE TO ACQUIRING THE MEDIA AND MATERIALS TRAINING YOU NEED

	GREAT		MODERATE		LITTLE OR NOT AT ALL		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
INSUFFICIENT RELEASED TIME	164	36.9	120	27.0	124	27.9	36	8.1
TOO EXPENSIVE	160	36.0	148	33.3	87	19.6	49	11.0
INCONVENIENT LOCATION	141	31.8	140	31.5	119	26.8	44	9.9
INCONVENIENT SCHEDULING	127	28.6	165	37.2	110	24.8	42	9.5
LACK OF INFORMATION ABOUT TRAINING OPPORTUNITIES	94	21.2	193	43.5	111	25.0	46	10.4
LACK OF QUALIFIED TRAINERS	86	19.4	160	36.0	143	32.2	55	12.4
TRAINING I NEED NOT OFFERED	79	17.8	191	43.0	121	27.3	53	11.9
NEGATIVE ATTITUDE OF ADMINISTRATORS ABOUT INSERVICE	66	14.9	103	23.2	228	51.4	47	10.6
OTHER	17	3.8	14	3.2	40	9.0	373	84.0

Q6 FROM WHICH OF THE FOLLOWING SOURCES DO YOU OBTAIN MOST OF YOUR INFORMATION ABOUT TRAINING OPPORTUNITIES

	FREQ.	PCT
NO SOURCE AVAILABLE	5	1.1
WORKSHOPS AND CONFERENCES	261	58.8
REGIONAL (IN-STATE) NEWSLETTERS/ANNOUNCEMENTS	173	39.0
WORD OF MOUTH FROM COLLEAGUES	170	38.3
PROFESSIONAL JOURNALS	152	34.2
STATE NEWSLETTERS/ANNOUNCEMENTS	125	28.2
DISTRICT NEWSLETTERS/ANNOUNCEMENTS	113	25.5
COLLEGE BULLETINS AND ANNOUNCEMENTS	80	18.0
PUBLISHERS' BROCHURES	68	15.3
NATIONAL NEWSLETTERS/ANNOUNCEMENTS	59	13.3
REGIONAL (MULTI-STATE) NEWSLETTERS/ANNOUNCEMENTS	46	10.4
PUBLIC MEDIA ANNOUNCEMENTS	12	2.7
OTHER	23	5.2

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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q7 HAVE PACKAGED TRAINING KITS AND/OR PROGRAMMED MATERIALS PLAYED AN IMPORTANT ROLE IN YOUR TRAINING	YES		NO		NEVER USED		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
DURING PRESERVICE/IN COLLEGE	99	22.3	184	41.4	132	29.7	29	6.5
DURING INSERVICE	162	36.5	158	35.6	97	21.8	27	6.1
ON YOUR OWN	177	39.9	145	32.7	92	20.7	30	6.8

Q8 HOW VALUABLE WOULD SELF-INSTRUCTIONAL TRAINING KITS BE FOR YOUR OWN TRAINING NEEDS IN EACH OF THE FOLLOWING SKILLS	OF GREAT VALUE		OF SOME VALUE		OF LITTLE OR NO VALUE		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
MATCHING MEDIA/MATERIALS TO LEARNER NEEDS	242	54.5	165	37.2	22	5.0	15	3.4
ADAPTING MEDIA/MATERIALS	204	45.9	191	43.0	29	6.5	20	4.5
SELECTING/EVALUATING MEDIA/MATERIALS	182	41.0	201	45.3	47	10.6	14	3.2
DESIGNING MEDIA/MATERIALS	173	39.0	182	41.0	67	15.1	22	5.0
UTILIZING MEDIA/MATERIALS	172	38.7	210	47.3	40	9.0	22	5.0
REPAIRING MEDIA AND EQUIPMENT	100	22.5	162	36.5	158	35.6	24	5.4

Q9 FOR EACH OF THE FOLLOWING SKILLS, HOW VALUABLE WOULD PACKAGED TRAINING KITS BE FOR USE WITH TEACHERS YOU WORK WITH	OF GREAT VALUE		OF SOME VALUE		OF LITTLE OR NO VALUE		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
MATCHING MEDIA/MATERIALS TO LEARNER NEEDS	274	61.7	144	32.4	13	2.9	13	2.9
ADAPTING MEDIA/MATERIALS	235	52.9	176	39.6	15	3.4	18	4.1
UTILIZING MEDIA/MATERIALS	221	49.8	181	40.8	22	5.0	20	4.5
SELECTING/EVALUATING MEDIA/MATERIALS	208	46.8	191	43.0	29	6.5	16	3.6
DESIGNING MEDIA/MATERIALS	171	38.5	202	45.5	50	11.3	21	4.7
REPAIRING MEDIA AND EQUIPMENT	93	20.9	172	38.7	155	34.9	24	5.4

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Q10 WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q11 FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q10		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
HOW TO SELECT MEDIA AND MATERIALS ACCORDING TO SPECIFIIC LEARNING OBJECTIVES FOR	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
COGNITIVE DEVELOPMENT	315	70.9	180	57.1	49	15.6	63	20.0	12	3.8
SOCIAL/PERSONAL DEVELOPMENT	303	68.2	111	36.6	50	16.5	117	38.6	13	4.3
ACADEMIC DEVELOPMENT	299	67.3	186	62.2	36	12.0	56	18.7	9	3.0
LANGUAGE/SPEECH DEVELOPMENT	281	63.3	123	43.8	46	16.4	74	26.3	30	10.7
PSYCHOMOTOR DEVELOPMENT	234	52.7	89	38.0	60	25.6	60	25.6	17	7.3
HOW TO SELECT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	360	81.1	138	38.3	71	19.7	122	33.9	11	3.1
PUPIL INTEREST LEVEL	301	67.8	91	30.2	54	17.9	134	44.5	11	3.7
PUPIL RESPONSE MODE	244	55.0	76	31.1	51	20.9	88	36.1	15	6.1
PUPIL SENSORY INPUT MODE	237	53.4	92	38.8	54	22.8	66	27.8	14	5.9
PUPIL CULTURAL BACKGROUND	167	37.6	32	19.2	34	20.4	73	43.7	14	8.4
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO										
SPECIFIC LEARNING OBJECTIVES	344	77.5	114	33.1	96	27.9	102	29.7	17	4.9
PUPIL FUNCTIONAL LEVEL	309	69.6	95	30.7	59	19.1	125	40.5	15	4.9
PUPIL INTEREST LEVEL	253	57.0	58	22.9	48	19.0	122	48.2	13	5.1
PUPIL RESPONSE MODE	219	49.3	57	26.0	51	23.3	73	33.3	24	11.0
PUPIL SENSORY INPUT MODE	215	48.4	64	29.8	53	24.7	63	29.3	24	11.2
PUPIL CULTURAL BACKGROUND	152	34.2	23	15.1	32	21.1	68	44.7	19	12.5
HOW TO										
EVALUATE EFFECTIVENESS OF MEDIA/MATERIALS	352	79.3	72	20.5	70	19.9	144	40.9	43	12.2
COORDINATE TWO OR MORE KINDS OF MATERIALS	214	48.2	39	18.2	28	13.1	113	52.8	21	9.8
USE INSTR. MATERIALS/LEARNING RESOURCE CENTER .	196	44.1	28	14.3	75	38.3	67	34.2	11	5.6
INTERPRET RESEARCH ON MEDIA/MATERIALS	192	43.2	88	45.8	20	10.4	58	30.2	13	6.8
TRAIN PARENTS IN USE OF CHILD INSTR. MTRLS	182	41.0	18	9.9	35	19.2	63	34.6	52	28.6
PLAN/IMPLEMENT A MULTIMEDIA PRESENTATION	135	30.4	26	19.3	24	17.8	55	40.7	21	15.6
PREPARE MULTIMEDIA KITS	105	23.6	21	20.0	21	20.0	34	32.4	22	21.0
USE A COMPUTER TO MONITOR PUPIL PROGRESS	81	18.2	8	9.9	17	21.0	5	6.2	48	59.3
USE A COMPUTER TO OBTAIN MATERIALS INFO.	80	18.0	11	13.8	21	26.3	4	5.0	38	47.5
USE A COMPUTER TO DIAGNOSE LEARNER NEEDS	75	16.9	6	8.0	18	24.0	2	2.7	46	61.3

(NOTE: PERCENTAGES FOR QUESTION 11 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 10.)

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Q10 (CONTINUED) WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q11 (CONTINUED) FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q10		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
MATERIALS FOR INDEPENDENT CHILD USE	225	50.7	43	19.1	72	32.0	68	30.2	19	8.4
PROGRAMMED INSTRUCTIONAL MATERIALS	185	41.7	38	20.5	68	36.8	43	23.2	17	9.2
MEDIA HARDWARE AND EQUIPMENT	154	34.7	36	23.4	52	33.8	47	30.5	10	6.5
MULTIMEDIA KITS	151	34.0	24	15.9	48	31.8	40	26.5	23	15.2
ADAPTIVE EQUIPMENT	130	29.3	21	16.2	47	36.2	40	30.8	15	11.5
HOW TO MAKE										
A MASTER FOR REPRODUCTION UNITS	150	33.8	37	24.7	34	22.7	56	37.3	13	8.7
AUDIO-VISUAL MATERIALS	147	33.1	49	33.3	34	23.1	39	26.5	18	12.2
TACTILE MATERIALS	137	30.9	39	28.5	28	20.4	38	27.7	21	15.3
GRAPHICS (E.G., CHARTS, FLASH CARDS)	113	25.5	37	32.7	21	18.6	40	35.4	9	8.0
AUDIO MATERIALS	103	23.2	38	36.9	22	21.4	24	23.3	11	10.7
EXHIBITS	91	20.5	19	20.9	18	19.8	33	36.3	15	16.5
HOW TO OPERATE										
TAPE RECORDER	163	36.7	37	22.7	23	14.1	93	57.1	4	2.5
FILMSTRIP PROJECTOR	152	34.2	47	30.9	23	15.1	70	46.1	5	3.3
FILM PROJECTOR	149	33.6	53	35.6	24	16.1	59	39.6	7	4.7
VIDEOTAPE EQUIPMENT	134	30.2	22	16.4	38	28.4	34	25.4	30	22.4
UNIQUE TEACHING MACHINES	114	25.7	14	12.3	33	28.9	26	22.8	33	28.9
DRY MOUNT PRESS/LAMINATOR	93	20.9	14	15.1	39	41.9	20	21.5	14	15.1
SPECIALIZED EQUIPMENT (E.G., OPTACON)	85	19.1	15	17.6	20	23.5	17	20.0	30	35.3
STILL PHOTOGRAPHIC EQUIPMENT	68	15.3	11	16.2	13	19.1	29	42.6	13	19.1
MOTION PICTURE CAMERA	65	14.6	22	33.8	11	16.9	20	30.8	6	9.2
COMPUTER-BASED INSTRUCTIONAL EQUIPMENT	64	14.4	9	14.1	17	26.6	3	4.7	32	50.0

(NOTE: PERCENTAGES FOR QUESTION 11 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 10.)

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Q12A FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT THE TRAINING NEEDS IN GREATEST DEMAND BY THE TEACHERS YOU WORK WITH

	FREQ.	PCT
HOW TO SELECT MEDIA AND MATERIALS ACCORDING TO SPECIFIC LEARNING OBJECTIVES FOR		
SOCIAL/PERSONAL DEVELOPMENT	172	38.7
LANGUAGE/SPEECH DEVELOPMENT	159	35.8
ACADEMIC DEVELOPMENT	153	34.5
COGNITIVE DEVELOPMENT	151	34.0
PSYCHOMOTOR DEVELOPMENT	89	20.0
HOW TO SELECT MEDIA AND MATERIALS ACCORDING TO		
PUPIL FUNCTIONAL LEVEL	221	49.8
PUPIL INTEREST LEVEL	118	26.6
PUPIL SENSORY INPUT MODE	114	25.7
PUPIL RESPONSE MODE	94	21.2
PUPIL CULTURAL BACKROUND	58	13.1
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO		
SPECIFIC LEARNING OBJECTIVES	251	56.5
PUPIL FUNCTIONAL LEVEL	145	32.7
PUPIL SENSORY INPUT MODE	83	18.7
PUPIL INTEREST LEVEL	78	17.6
PUPIL RESPONSE MODE	69	15.5
PUPIL CULTURAL BACKROUND	43	9.7
HOW TO		
EVALUATE EFFECTIVENESS OF MEDIA/MATERIALS	204	45.9
TRAIN PARENTS IN USE OF CHILD INSTR. MTRLS	93	20.9
COORDINATE TWO OR MORE KINDS OF MATERIALS	90	20.3
USE INSTR. MATERIALS/LEARNING RESOURCE CENTER	74	16.7
INTERPRET RESEARCH ON MEDIA/MATERIALS	49	11.0
PREPARE MULTIMEDIA KITS	43	9.7
USE A COMPUTER TO DIAGNOSE LEARNER NEEDS	35	7.9
PLAN/IMPLEMENT A MULTIMEDIA PRESENTATION	33	7.4
USE A COMPUTER TO MONITOR PUPIL PROGRESS	28	6.3
USE A COMPUTER TO OBTAIN MATERIALS INFORMATION	27	6.1

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Q12A (CONTINUED) FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT THE TRAINING NEEDS IN GREATEST DEMAND BY THE TEACHERS YOU WORK WITH

HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES	FREQ.	PCT
MATERIALS FOR INDEPENDENT CHILD USE	104	23.4
PROGRAMMED INSTRUCTIONAL MATERIALS	69	15.5
MEDIA HARDWARE AND EQUIPMENT	54	12.2
ADAPTIVE EQUIPMENT	52	11.7
MULTIMEDIA KITS	48	10.8
HOW TO MAKE		
AUDIO-VISUAL MATERIALS	53	11.9
TACTILE MATERIALS	51	11.5
A MASTER FOR REPRODUCTION UNITS	38	8.6
GRAPHICS (E.G., CHARTS, FLASH CARDS)	30	6.8
AUDIO MATERIALS	29	6.5
EXHIBITS	22	5.0
HOW TO OPERATE		
VIDEOTAPE EQUIPMENT	49	11.0
UNIQUE TEACHING MACHINES	43	9.7
SPECIALIZED EQUIPMENT (E.G., OPTACON, PHONIC EAR)	36	8.1
DRY MOUNT PRESS/LAMINATOR	28	6.3
TAPE RECORDER	26	5.9
FILMSTRIP PROJECTOR	26	5.9
FILM PROJECTOR	25	5.6
COMPUTER-BASED INSTRUCTIONAL EQUIPMENT	25	5.6
STILL PHOTOGRAPHIC EQUIPMENT	17	3.8
MOTION PICTURE CAMERA	15	3.4

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Q12B FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR YOUR OWN FUTURE TRAINING

Q13 FOR EACH OF YOUR OWN PRIORITIES MARKED IN QUESTION 12B, INDICATE WHO WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 13 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 12B.)

	Q12B		PRINCIPAL/ COLLEAGUES		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
HOW TO SELECT MEDIA/MATERIALS ACCORDING TO SPECIFIC LEARNING OBJECTIVES FOR	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
LANGUAGE/SPEECH DEVELOPMENT	125	28.2	16	12.8	22	17.6	29	23.2	8	6.4	29	23.2	3	2.4	13	10.4
COGNITIVE DEVELOPMENT	117	26.4	3	2.6	15	12.8	26	22.2	11	9.4	40	34.2	3	2.6	12	10.3
SOCIAL/PERSONAL DEVELOPMENT	108	24.3	4	3.7	23	21.3	30	27.8	9	8.3	11	10.2	1	0.9	26	24.1
ACADEMIC DEVELOPMENT	94	21.2	9	9.6	8	8.5	19	20.2	7	7.4	28	29.8	2	2.1	13	13.8
PSYCHOMOTOR DEVELOPMENT	84	18.9	3	3.6	13	15.5	16	19.0	8	9.5	29	34.5	1	1.2	11	13.1
HOW TO SELECT MEDIA/MATERIALS ACCORDING TO																
PUPIL FUNCTIONAL LEVEL	120	27.0	4	3.3	20	16.7	16	13.3	9	7.5	31	25.8	3	2.5	35	29.2
PUPIL SENSORY INPUT MODE	76	17.1	1	1.3	14	18.4	24	31.6	3	3.9	21	27.6	3	3.9	7	9.2
PUPIL INTEREST LEVEL	69	15.5	7	10.1	9	13.0	14	20.3	3	4.3	8	11.6	4	5.8	19	27.5
PUPIL RESPONSE MODE	56	12.6	0	0.0	8	14.3	18	32.1	2	3.6	13	23.2	2	3.6	12	21.4
PUPIL CULTURAL BACKGROUND	47	10.6	3	6.4	6	12.8	11	23.4	5	10.6	6	12.8	2	4.3	12	25.5
HOW TO DESIGN OR ADAPT MEDIA/ MATERIALS ACCORDING TO																
SPECIFIC LEARNING OBJECTIVES ...	152	34.2	9	5.9	15	9.9	38	25.0	22	14.5	40	26.3	4	2.6	21	13.8
PUPIL FUNCTIONAL LEVEL	76	17.1	5	6.6	13	17.1	12	15.8	4	5.3	14	18.4	3	3.9	20	26.3
PUPIL SENSORY INPUT MODE	60	13.5	1	1.7	7	11.7	24	40.0	6	10.0	16	26.7	1	1.7	4	6.7
PUPIL RESPONSE MODE	50	11.3	2	4.0	8	16.0	12	24.0	4	8.0	7	14.0	2	4.0	12	24.0
PUPIL INTEREST LEVEL	48	10.8	6	12.5	4	8.3	20	41.7	0	0.0	3	6.3	4	8.3	10	20.8
PUPIL CULTURAL BACKGROUND	29	6.5	0	0.0	4	13.8	8	27.6	2	6.9	1	3.4	1	3.4	10	34.5
HOW TO																
EVAL. EFFECT. OF MEDIA/MTRLS ...	209	47.1	5	2.4	28	13.4	66	31.6	33	15.8	27	12.9	5	2.4	34	16.3
INTERPRET MEDIA/MTRLS RESEARCH .	103	23.2	1	1.0	14	13.6	23	22.3	9	8.7	37	35.9	3	2.9	10	9.7
TRAIN PARENTS IN CHILD MTRLS USE	82	18.5	3	3.7	10	12.2	19	23.2	13	15.9	13	15.9	8	9.8	10	12.2
USE COMPUTER FOR DIAGNOSIS	62	14.0	0	0.0	11	17.7	12	19.4	5	8.1	19	30.6	11	17.7	2	3.2
COORD. TWO/MORE KINDS OF MTRLS .	58	13.1	5	8.6	5	8.6	19	32.8	4	6.9	5	8.6	7	12.1	8	13.8
USE COMPUTER FOR MTRLS INFO. ...	56	12.6	1	1.8	11	19.6	14	25.0	3	5.4	15	26.8	10	17.9	1	1.8
PLAN MULTIMEDIA PRESENTATION ...	55	12.4	1	1.8	7	12.7	22	40.0	2	3.6	5	9.1	11	20.0	5	9.1
USE INSTR. MTRLS/LRNG RES. CTR .	54	12.2	3	5.6	4	7.4	20	37.0	8	14.8	6	11.1	1	1.9	10	18.5
USE COMPUTER TO MONITOR PROGRESS	53	11.9	1	1.9	12	22.6	7	13.2	4	7.5	15	28.3	9	17.0	2	3.8
PREPARE MULTIMEDIA KITS	44	9.9	2	4.5	4	9.1	22	50.0	4	9.1	4	9.1	4	9.1	3	6.8

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Q12B (CONTINUED) FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR YOUR OWN FUTURE TRAINING

Q13 (CONTINUED) FOR EACH OF YOUR OWN PRIORITIES MARKED IN QUESTION 12B, INDICATE WHO WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 13 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 12B.)

			PRINCIPAL/ COLLEAGUES		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
MTRLS FOR INDEP. CHILD USE	55	12.4	2	3.6	8	14.5	19	34.5	7	12.7	5	9.1	7	12.7	5	9.1
PROGRAMMED INSTR. MATERIALS	49	11.0	3	6.1	4	8.2	18	36.7	3	6.1	6	12.2	12	24.5	1	2.0
ADAPTIVE EQUIPMENT	38	8.6	2	5.3	5	13.2	15	39.5	5	13.2	2	5.3	7	18.4	1	2.6
MULTIMEDIA KITS	37	8.3	3	8.1	5	13.5	10	27.0	6	16.2	2	5.4	7	18.9	2	5.4
MEDIA HARDWARE/EQUIPMENT	29	6.5	2	6.9	3	10.3	7	24.1	4	13.8	1	3.4	9	31.0	2	6.9
HOW TO MAKE																
AUDIO-VISUAL MATERIALS	28	6.3	2	7.1	6	21.4	8	28.6	3	10.7	0	0.0	4	14.3	3	10.7
TACTILE MATERIALS	26	5.9	1	3.8	5	19.2	8	30.8	2	7.7	6	23.1	2	7.7	2	7.7
EXHIBITS	22	5.0	3	13.6	6	27.3	3	13.6	2	9.1	1	4.5	5	22.7	2	9.1
GRAPHICS (E.G., CHARTS)	19	4.3	2	10.5	5	26.3	3	15.8	3	15.8	3	15.8	1	5.3	2	10.5
MASTER FOR REPRODUCTION UNITS ..	18	4.1	4	22.2	2	11.1	3	16.7	0	0.0	0	0.0	4	22.2	4	22.2
AUDIO MATERIALS	9	2.0	1	11.1	3	33.3	2	22.2	0	0.0	0	0.0	1	11.1	2	22.2
HOW TO OPERATE																
COMPUTER-BASED INSTR. EQUIP. ...	45	10.1	2	4.4	5	11.1	5	11.1	4	8.9	6	13.3	15	33.3	3	6.7
VIDEOTAPE EQUIPMENT	42	9.5	3	7.1	5	11.9	12	28.6	2	4.8	3	7.1	11	26.2	4	9.5
UNIQUE TEACHING MACHINES	37	8.3	0	0.0	4	10.8	7	18.9	2	5.4	1	2.7	19	51.4	3	8.1
SPECIALIZED EQUIPMENT	29	6.5	1	3.4	7	24.1	3	10.3	0	0.0	0	0.0	16	55.2	2	6.9
DRY MOUNT PRESS/LAMINATOR	12	2.7	2	16.7	1	8.3	3	25.0	0	0.0	1	8.3	2	16.7	3	25.0
STILL PHOTOGRAPHIC EQUIPMENT ...	10	2.3	1	10.0	1	10.0	3	30.0	0	0.0	0	0.0	3	30.0	1	10.0
FILM PROJECTOR	9	2.0	3	33.3	0	0.0	0	0.0	1	11.1	0	0.0	1	11.1	3	33.3
MOTION PICTURE CAMERA	8	1.8	2	25.0	1	12.5	2	25.0	0	0.0	0	0.0	2	25.0	1	12.5
TAPE RECORDER	7	1.6	3	42.9	0	0.0	1	14.3	0	0.0	0	0.0	0	0.0	3	42.9
FILMSTRIP PROJECTOR	5	1.1	1	20.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	60.0

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SECTION III. TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

RESPONDENT POPULATION 7: SUPERVISORS, MEDIA SPECIALISTS/LIBRARIANS, CURRICULUM DEVELOPMENT SPECIALISTS, INSERVICE TRAINING SPECIALISTS

SUBSECTION E. DEMOGRAPHIC DESCRIPTION OF THE SUBGROUP OF OTHER SPECIAL EDUCATION PERSONNEL

ON THE FOLLOWING THREE PAGES IS A DEMOGRAPHIC DESCRIPTION OF THE SUBGROUP OF OTHER SPECIAL EDUCATION PERSONNEL FROM THE RESPONDENT POPULATION ABOVE. FOR PURPOSES OF THE ANALYSES IN THIS AND THE NEXT SUBSECTION (F), "OTHER SPECIAL EDUCATION PERSONNEL" IS DEFINED AS A RESPONDENT WHO INDICATED IN QUESTION 4 OF THE DEMOGRAPHIC SECTION OF THE QUESTIONNAIRE (PAGE 11) THAT HIS PRIMARY ROLE AT THE PRESENT TIME WAS THAT OF "MEDIA SPECIALIST OR LIBRARIAN," "CURRICULUM DEVELOPMENT SPECIALIST," "INSERVICE TRAINING SPECIALIST," OR "OTHER."

THE SUBGROUP IDENTIFICATION APPEARS IN THE UPPER LEFT CORNER OF THE PAGE. THE NUMBER OF RESPONDENTS IN THIS SUBGROUP APPEARS OPPOSITE ITS DESCRIPTION, IN THE UPPER RIGHT CORNER OF THE PAGE. PRESENTED FOR EACH QUESTION, 2 THROUGH 10, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. ALL PERCENTAGE CALCULATIONS ARE BASED ON THE NUMBER OF RESPONDENTS IN THE SUBGROUP. (NOTE: QUESTION 1 CONSISTED OF A ZIP CODE IDENTIFIER WHICH WAS USED ONLY TO CLASSIFY RESPONDENTS BY STATE.)

SPECIAL EDUCATION MEDIA SPECIALISTS/LIBRARIANS
CURRICULUM DEVELOPMENT SPECIALISTS
INSERVICE TRAINING SPECIALISTS

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Q2 WHAT IS YOUR HIGHEST LEVEL OF FORMAL EDUCATION IN EACH OF THE THREE CATEGORIES BELOW

	IN SPECIAL EDUCATION		IN OTHER EDUCATION-RELATED SPECIALTY		IN OTHER FIELD	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
SOME COLLEGE COURSES	36	15.6	13	5.6	39	16.9
BACHELOR'S DEGREE	6	2.6	35	15.2	34	14.7
WORK BEYOND THE B.A.	32	13.9	24	10.4	25	10.8
MASTER'S DEGREE	38	16.5	33	14.3	10	4.3
WORK BEYOND THE M.A.	64	27.7	73	31.6	15	6.5
PH.D., ED.D.	7	3.0	7	3.0	2	0.9
NONE	21	9.1	7	3.0	21	9.1
INVALID OR NO RESPONSE	27	11.7	39	16.9	85	36.8

Q3 WHAT IS THE EXTENT OF YOUR PROFESSIONAL EXPERIENCE IN EACH OF THE THREE CATEGORIES BELOW

	SPECIAL EDUCATION SUPERVISION		TEACHING THE HANDICAPPED		OTHER EDUCATION WORK	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
LESS THAN 1 YEAR	20	8.7	19	8.2	10	4.3
1 TO 3 YEARS	54	23.4	48	20.8	45	19.5
4 TO 7 YEARS	38	16.5	58	25.1	48	20.8
8 TO 15 YEARS	16	6.9	28	12.1	46	19.9
16 OR MORE YEARS	7	3.0	11	4.8	28	12.1
NONE	53	22.9	32	13.9	17	7.4
INVALID OR NO RESPONSE	43	18.6	35	15.2	37	16.0

Q4 WHAT IS YOUR PRIMARY ROLE AT THE PRESENT TIME

	FREQ.	PCT
MEDIA SPECIALIST OR LIBRARIAN	58	25.1
CURRICULUM DEVELOPMENT SPECIALIST	23	10.0
INSERVICE TRAINING SPECIALIST	21	9.1
SUPERVISOR	0	0.0
OTHER	129	55.8
INVALID OR NO RESPONSE	0	0.0

SPECIAL EDUCATION MEDIA SPECIALISTS/LIBRARIANS
CURRICULUM DEVELOPMENT SPECIALISTS
INSERVICE TRAINING SPECIALISTS

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q5 HOW MANY SPECIAL EDUCATION TEACHERS ARE YOU WORKING WITH AT THE PRESENT TIME

	FREQ.	PCT
9 OR FEWER	82	35.5
30 OR MORE	71	30.7
10 TO 19	52	22.5
20 TO 29	25	10.8
INVALID OR NO RESPONSE	1	0.4

Q6 FOR THE HANDICAP AREAS LISTED BELOW:

	MARK THE SPECIALTIES OF TEACHERS YOU CURRENTLY WORK WITH		MARK THE TYPES OF HANDICAPPED STUDENTS YOU HAVE TAUGHT	
	FREQ.	PCT	FREQ.	PCT
SPEECH AND LANGUAGE IMPAIRED	167	72.3	78	33.8
EDUCABLE MENTALLY RETARDED	150	64.9	108	46.8
SPECIFIC LEARNING DISABLED	145	62.8	101	43.7
EMOTIONALLY DISTURBED	114	49.4	89	38.5
TRAINABLE AND/OR SEVERELY MENTALLY RETARDED	104	45.0	61	26.4
DEAF AND HARD OF HEARING	93	40.3	56	24.2
MULTIPLY AND/OR SEVERELY HANDICAPPED	92	39.8	53	22.9
PHYSICALLY/ORTHOPEDICALLY HANDICAPPED	87	37.7	51	22.1
BLIND AND VISUALLY IMPAIRED	57	24.7	30	13.0
NOT CATEGORICALLY DEFINED	41	17.7	44	19.0

Q7 WHAT CHRONOLOGICAL AGE CATEGORY BEST DESCRIBES THE STUDENTS TAUGHT BY THE TEACHERS YOU ARE WORKING WITH

	FREQ.	PCT
ALL AGES	141	61.0
11 AND YOUNGER	18	7.8
5 TO 8	14	6.1
9 TO 11	13	5.6
12 AND OLDER	13	5.6
15 TO 17	11	4.8
12 TO 14	9	3.9
18 AND OLDER	6	2.6
4 AND YOUNGER	1	0.4
INVALID OR NO RESPONSE	5	2.2

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Q8 BY WHICH OF THE FOLLOWING ARE YOU EMPLOYED

	FREQ.	PCT
LOCAL PUBLIC SCHOOL DISTRICT	144	62.3
STATE AGENCY OTHER THAN STATE EDUCATION AGENCY	54	23.4
PRIVATE OR NONPUBLIC AGENCY	12	5.2
OTHER AGENCY	19	8.2
INVALID OR NO RESPONSE	2	0.9

Q9 AT WHAT TYPE OF FACILITY DO YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
REGULAR SCHOOL	116	50.2
SPECIAL EDUCATION RESIDENTIAL SCHOOL	42	18.2
SPECIAL EDUCATION SCHOOL (NONRESIDENTIAL)	24	10.4
DEVELOPMENTAL CENTER	13	5.6
HOSPITAL	3	1.3
CLINIC OR REHABILITATION AGENCY	2	0.9
OTHER FACILITY	30	13.0
INVALID OR NO RESPONSE	1	0.4

Q10 WHICH BEST DESCRIBES THE TYPE OF COMMUNITY IN WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
TOWN (25,000 OR UNDER)	55	23.8
SMALL CITY (25,000 -- 100,000)	44	19.0
LARGE CITY (500,000 OR LARGER)	30	13.0
MEDIUM-SIZE CITY (100,000 -- 500,000)	26	11.3
RURAL AREA NEAR A LARGE OR MEDIUM-SIZE CITY	26	11.3
RURAL AREA NOT NEAR A LARGE OR MEDIUM-SIZE CITY	25	10.8
SUBURB OF A LARGE OR MEDIUM-SIZE CITY	22	9.5
INVALID OR NO RESPONSE	3	1.3

USERS' GUIDE TO NNA ANALYSIS

SECTION III. TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

RESPONDENT POPULATION 7: SUPERVISORS, MEDIA SPECIALISTS/LIBRARIANS, CURRICULUM DEVELOPMENT SPECIALISTS, INSERVICE TRAINING SPECIALISTS

SUBSECTION F. ANALYSIS OF ITEMS ON TRAINING FOR THE SUBGROUP OF OTHER SPECIAL EDUCATION PERSONNEL

THE NEXT TEN PAGES CONTAIN THE ANALYSES OF THE ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS FOR THE SUBGROUP OF OTHER SPECIAL EDUCATION PERSONNEL FROM THE RESPONDENT POPULATION ABOVE. (THE TERM "OTHER SPECIAL EDUCATION PERSONNEL" IS DEFINED IN THE INTRODUCTION TO SUBSECTION E.) THIS SUBGROUP IS INDICATED IN THE UPPER LEFT CORNER OF THE PAGE. THE NUMBER OF RESPONDENTS IN THE SUBGROUP APPEARS OPPOSITE ITS DESCRIPTION, IN THE UPPER RIGHT CORNER OF THE PAGE.

PRESENTED FOR EACH QUESTION, 1 THROUGH 13, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. ALL PERCENTAGE CALCULATIONS, EXCEPT THOSE FOR QUESTIONS 11 AND 13, ARE BASED ON THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

FOR QUESTIONS 11 AND 13, THE RESPONDENT BASE IS RESTRICTED IN A MANNER THAT IS EVIDENT FROM READING THE QUESTIONS; I.E., THE RESPONSE TO EACH ALTERNATIVE IN QUESTION 11 IS PREDICATED UPON A RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 10. THEREFORE, THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 11 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 10, RATHER THAN THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

QUESTION 13 IS SIMILARLY CONTINGENT UPON QUESTION 12B. THAT IS, A RESPONSE TO A GIVEN ALTERNATIVE FOR QUESTION 13 WAS APPROPRIATE ONLY IF THAT SAME ALTERNATIVE WAS CHOSEN IN QUESTION 12B, AND THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 13 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 12B.

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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q1 HOW USEFUL ARE THE FOLLOWING RESOURCES FOR ASSISTING YOU IN TRAINING TEACHERS IN MEDIA AND MATERIALS SKILLS

	VERY USEFUL		OF SOME USE		NOT USEFUL		NOT AVAILABLE		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
INSTRUCTIONAL MATERIALS COLLECTION	66	28.6	61	26.4	12	5.2	12	5.2	15	6.5
MEDIA PRODUCTION/REPRODUCTION CENTER	52	22.5	63	27.3	6	2.6	34	14.7	11	4.8
LIBRARY/REFERENCE FACILITIES	42	18.2	80	34.6	20	8.7	12	5.2	12	5.2
VISITING MODEL PROGRAMS	41	17.7	52	22.5	12	5.2	38	16.5	23	10.0
CONSULTANTS	39	16.9	83	35.9	11	4.8	19	8.2	14	6.1
AREA LEARNING RESOURCE CENTER (ALRC)	35	15.2	44	19.0	24	10.4	48	20.8	15	6.5
DISTRICT SPONSORED PROGRAMS	29	12.6	67	29.0	16	6.9	35	15.2	19	8.2
PACKAGED TRAINING KITS	26	11.3	74	32.0	19	8.2	24	10.4	23	10.0
PUBLISHERS' REPRESENTATIVES	20	8.7	84	36.4	30	13.0	16	6.9	16	6.9
STATE EDUCATION AGENCIES	19	8.2	82	35.5	32	13.9	13	5.6	20	8.7
COLLEGE/UNIVERSITY FACULTY AND STAFF	18	7.8	83	35.9	28	12.1	21	9.1	16	6.9
NATIONAL CENTER (NCEMMH)	14	6.1	45	19.5	37	16.0	53	22.9	17	7.4
COMMUNITY AGENCIES	10	4.3	62	26.8	42	18.2	31	13.4	21	9.1
SPECIAL OFFICES (SO)	9	3.9	32	13.9	33	14.3	72	31.2	20	8.7

	FREQ.	PCT
I AM NOT RESPONSIBLE FOR TEACHER TRAINING	65	28.1

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SPECIAL EDUCATION MEDIA SPECIALISTS/LIBRARIANS
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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q2 FOR THE TEACHERS YOU WORK WITH, HOW MANY INSERVICE DAYS PER YEAR, ON THE AVERAGE, ARE CURRENTLY ALLOCATED TO MEDIA AND MATERIALS TRAINING

	FREQ.	PCT
NONE	70	30.3
1 DAY	41	17.7
HALF A DAY	34	14.7
2 DAYS	31	13.4
4 OR MORE DAYS	28	12.1
3 DAYS	15	6.5
INVALID OR NO RESPONSE	12	5.2

Q3 GIVEN THE TRAINING NEEDS OF THE TEACHERS YOU WORK WITH, HOW MANY INSERVICE DAYS SHOULD BE ALLOCATED TO MEDIA AND MATERIALS TRAINING

	FREQ.	PCT
4 OR MORE DAYS	81	35.1
2 DAYS	50	21.6
3 DAYS	40	17.3
1 DAY	24	10.4
HALF A DAY	8	3.5
NONE	6	2.6
INVALID OR NO RESPONSE	22	9.5

Q4 HOW ARE YOUR OWN PERSONAL TRAINING NEEDS USUALLY MADE KNOWN TO ADMINISTRATIVE PERSONNEL IN YOUR DISTRICT OR FACILITY

	FREQ.	PCT
DIRECT REQUEST	131	56.7
NO REGULAR PROCEDURE TO MAKE TRAINING NEEDS KNOWN	75	32.5
OTHER PROCEDURE	9	3.9
STRUCTURED INTERVIEW/QUESTIONNAIRE	5	2.2
INVALID OR NO RESPONSE	11	4.8

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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q5 TO WHAT EXTENT IS EACH OF THE FOLLOWING AN OBSTACLE TO ACQUIRING THE MEDIA AND MATERIALS TRAINING YOU NEED

	GREAT		MODERATE		LITTLE OR NOT AT ALL		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
TOO EXPENSIVE	87	37.7	70	30.3	43	18.6	31	13.4
INCONVENIENT LOCATION	77	33.3	72	31.2	50	21.6	32	13.9
INSUFFICIENT RELEASED TIME	66	28.6	58	25.1	77	33.3	30	13.0
INCONVENIENT SCHEDULING	61	26.4	74	32.0	59	25.5	37	16.0
LACK OF INFORMATION ABOUT TRAINING OPPORTUNITIES	60	26.0	69	29.9	77	33.3	25	10.8
LACK OF QUALIFIED TRAINERS	36	15.6	70	30.3	86	37.2	39	16.9
TRAINING I NEED NOT OFFERED	33	14.3	91	39.4	72	31.2	35	15.2
NEGATIVE ATTITUDE OF ADMINISTRATORS ABOUT INSERVICE	30	13.0	72	31.2	98	42.4	31	13.4
OTHER	13	5.6	11	4.8	17	7.4	190	82.3

Q6 FROM WHICH OF THE FOLLOWING SOURCES DO YOU OBTAIN MOST OF YOUR INFORMATION ABOUT TRAINING OPPORTUNITIES

	FREQ.	PCT
NO SOURCE AVAILABLE	8	3.5
WORKSHOPS AND CONFERENCES	130	56.3
WORD OF MOUTH FROM COLLEAGUES	94	40.7
PROFESSIONAL JOURNALS	88	38.1
REGIONAL (IN-STATE) NEWSLETTERS/ANNOUNCEMENTS	78	33.8
STATE NEWSLETTERS/ANNOUNCEMENTS	54	23.4
COLLEGE BULLETINS AND ANNOUNCEMENTS	54	23.4
DISTRICT NEWSLETTERS/ANNOUNCEMENTS	52	22.5
PUBLISHERS' BROCHURES	49	21.2
NATIONAL NEWSLETTERS/ANNOUNCEMENTS	24	10.4
REGIONAL (MULTI-STATE) NEWSLETTERS/ANNOUNCEMENTS	14	6.1
PUBLIC MEDIA ANNOUNCEMENTS	12	5.2
OTHER	6	2.6

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Q7 HAVE PACKAGED TRAINING KITS AND/OR PROGRAMMED MATERIALS PLAYED AN IMPORTANT ROLE IN YOUR TRAINING	YES		NO		NEVER USED		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
DURING PRESERVICE/IN COLLEGE	36	15.6	86	37.2	91	39.4	18	7.8
DURING INSERVICE	68	29.4	74	32.0	71	30.7	18	7.8
ON YOUR OWN	83	35.9	62	26.8	71	30.7	15	6.5

Q8 HOW VALUABLE WOULD SELF-INSTRUCTIONAL TRAINING KITS BE FOR YOUR OWN TRAINING NEEDS IN EACH OF THE FOLLOWING SKILLS	OF GREAT VALUE		OF SOME VALUE		OF LITTLE OR NO VALUE		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
MATCHING MEDIA/MATERIALS TO LEARNER NEEDS	133	57.6	70	30.3	19	8.2	9	3.9
ADAPTING MEDIA/MATERIALS	111	48.1	94	40.7	16	6.9	10	4.3
DESIGNING MEDIA/MATERIALS	101	43.7	87	37.7	31	13.4	12	5.2
UTILIZING MEDIA/MATERIALS	97	42.0	104	45.0	17	7.4	13	5.6
SELECTING/EVALUATING MEDIA/MATERIALS	85	36.8	115	49.8	25	10.8	6	2.6
REPAIRING MEDIA AND EQUIPMENT	67	29.0	89	38.5	61	26.4	14	6.1

Q9 FOR EACH OF THE FOLLOWING SKILLS, HOW VALUABLE WOULD PACKAGED TRAINING KITS BE FOR USE WITH TEACHERS YOU WORK WITH	OF GREAT VALUE		OF SOME VALUE		OF LITTLE OR NO VALUE		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
MATCHING MEDIA/MATERIALS TO LEARNER NEEDS	139	60.2	66	28.6	18	7.8	8	3.5
ADAPTING MEDIA/MATERIALS	120	51.9	80	34.6	18	7.8	13	5.6
UTILIZING MEDIA/MATERIALS	112	48.5	91	39.4	13	5.6	15	6.5
SELECTING/EVALUATING MEDIA/MATERIALS	97	42.0	103	44.6	21	9.1	10	4.3
DESIGNING MEDIA/MATERIALS	96	41.6	90	39.0	30	13.0	15	6.5
REPAIRING MEDIA AND EQUIPMENT	48	20.8	88	38.1	80	34.6	15	6.5

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Q10 WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q11 FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q10		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
HOW TO SELECT MEDIA AND MATERIALS ACCORDING TO SPECIFIIC LEARNING OBJECTIVES FOR	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
ACADEMIC DEVELOPMENT	156	67.5	93	59.6	18	11.5	33	21.2	5	3.2
SOCIAL/PERSONAL DEVELOPMENT	155	67.1	59	38.1	27	17.4	56	36.1	8	5.2
COGNITIVE DEVELOPMENT	146	63.2	89	61.0	16	11.0	26	17.8	10	6.8
LANGUAGE/SPEECH DEVELOPMENT	135	58.4	71	52.6	19	14.1	32	23.7	9	6.7
PSYCHOMOTOR DEVELOPMENT	111	48.1	52	46.8	19	17.1	28	25.2	5	4.5
HOW TO SELECT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	197	85.3	93	47.2	32	16.2	58	29.4	8	4.1
PUPIL INTEREST LEVEL	160	69.3	49	30.6	24	15.0	75	46.9	5	3.1
PUPIL SENSORY INPUT MODE	131	56.7	58	44.3	31	23.7	33	25.2	5	3.8
PUPIL RESPONSE MODE	131	56.7	44	33.6	24	18.3	47	35.9	9	6.9
PUPIL CULTURAL BACKGROUND	102	44.2	23	22.5	20	19.6	47	46.1	8	7.8
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	172	74.5	67	39.0	23	13.4	62	36.0	11	6.4
SPECIFIC LEARNING OBJECTIVES	165	71.4	67	40.6	33	20.0	47	28.5	13	7.9
PUPIL INTEREST LEVEL	137	59.3	35	25.5	17	12.4	70	51.1	8	5.8
PUPIL RESPONSE MODE	113	48.9	29	25.7	22	19.5	47	41.6	10	8.8
PUPIL SENSORY INPUT MODE	112	48.5	37	33.0	21	18.8	40	35.7	9	8.0
PUPIL CULTURAL BACKGROUND	85	36.8	17	20.0	14	16.5	41	48.2	9	10.6
HOW TO										
EVALUATE EFFECTIVENESS OF MEDIA/MATERIALS	170	73.6	52	30.6	38	22.4	55	32.4	20	11.8
USE INSTR. MATERIALS/LEARNING RESOURCE CENTER	113	48.9	32	28.3	29	25.7	41	36.3	5	4.4
COORDINATE TWO OR MORE KINDS OF MATERIALS	112	48.5	18	16.1	20	17.9	54	48.2	15	13.4
INTERPRET RESEARCH ON MEDIA/MATERIALS	106	45.9	53	50.0	12	11.3	23	21.7	15	14.2
TRAIN PARENTS IN USE OF CHILD INSTR. MTRLS	82	35.5	9	11.0	11	13.4	35	42.7	20	24.4
PLAN/IMPLEMENT A MULTIMEDIA PRESENTATION	76	32.9	17	22.4	15	19.7	34	44.7	7	9.2
PREPARE MULTIMEDIA KITS	60	26.0	10	16.7	15	25.0	22	36.7	9	15.0
USE A COMPUTER TO DIAGNOSE LEARNER NEEDS	35	15.2	1	2.9	5	14.3	3	8.6	22	62.9
USE A COMPUTER TO OBTAIN MATERIALS INFO.	31	13.4	5	16.1	5	16.1	4	12.9	13	41.9
USE A COMPUTER TO MONITOR PUPIL PROGRESS	21	9.1	1	4.8	3	14.3	3	14.3	13	61.9

(NOTE: PERCENTAGES FOR QUESTION 11 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 10.)

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Q10 (CONTINUED) WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q11 (CONTINUED) FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q10		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES										
MATERIALS FOR INDEPENDENT CHILD USE	125	54.1	22	17.6	28	22.4	56	44.8	8	6.4
PROGRAMMED INSTRUCTIONAL MATERIALS	114	49.4	18	15.8	31	27.2	45	39.5	9	7.9
MEDIA HARDWARE AND EQUIPMENT	101	43.7	36	35.6	19	18.8	36	35.6	5	5.0
MULTIMEDIA KITS	90	39.0	17	18.9	21	23.3	33	36.7	10	11.1
ADAPTIVE EQUIPMENT	63	27.3	14	22.2	18	28.6	21	33.3	6	9.5
HOW TO MAKE										
AUDIO-VISUAL MATERIALS	97	42.0	41	42.3	18	18.6	29	29.9	4	4.1
A MASTER FOR REPRODUCTION UNITS	96	41.6	31	32.3	19	19.8	38	39.6	2	2.1
GRAPHICS (E.G., CHARTS, FLASH CARDS)	81	35.1	32	39.5	9	11.1	35	43.2	2	2.5
TACTILE MATERIALS	74	32.0	21	28.4	16	21.6	27	36.5	4	5.4
AUDIO MATERIALS	73	31.6	28	38.4	11	15.1	27	37.0	1	1.4
EXHIBITS	70	30.3	16	22.9	11	15.7	31	44.3	4	5.7
HOW TO OPERATE										
TAPE RECORDER	119	51.5	34	28.6	8	6.7	69	58.0	0	0.0
FILMSTRIP PROJECTOR	117	50.6	51	43.6	12	10.3	46	39.3	0	0.0
FILM PROJECTOR	108	46.8	56	51.9	11	10.2	33	30.6	0	0.0
VIDEOTAPE EQUIPMENT	84	36.4	20	23.8	16	19.0	29	34.5	12	14.3
DRY MOUNT PRESS/LAMINATOR	71	30.7	21	29.6	23	32.4	19	26.8	5	7.0
UNIQUE TEACHING MACHINES	64	27.7	6	9.4	18	28.1	22	34.4	11	17.2
STILL PHOTOGRAPHIC EQUIPMENT	46	19.9	12	26.1	6	13.0	21	45.7	4	8.7
MOTION PICTURE CAMERA	43	18.6	15	34.9	5	11.6	19	44.2	1	2.3
SPECIALIZED EQUIPMENT (E.G., OPTACON)	43	18.6	5	11.6	18	41.9	8	18.6	11	25.6
COMPUTER-BASED INSTRUCTIONAL EQUIPMENT	24	10.4	3	12.5	5	20.8	4	16.7	12	50.0

(NOTE: PERCENTAGES FOR QUESTION 11 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 10.)

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Q12A FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT THE TRAINING NEEDS IN GREATEST DEMAND BY THE TEACHERS YOU WORK WITH

HOW TO SELECT MEDIA AND MATERIALS ACCORDING TO SPECIFIC LEARNING OBJECTIVES FOR	FREQ.	PCT
ACADEMIC DEVELOPMENT	83	35.9
SOCIAL/PERSONAL DEVELOPMENT	78	33.8
COGNITIVE DEVELOPMENT	72	31.2
LANGUAGE/SPEECH DEVELOPMENT	52	22.5
PSYCHOMOTOR DEVELOPMENT	32	13.9
HOW TO SELECT MEDIA AND MATERIALS ACCORDING TO		
PUPIL FUNCTIONAL LEVEL	106	45.9
PUPIL INTEREST LEVEL	65	28.1
PUPIL SENSORY INPUT MODE	47	20.3
PUPIL RESPONSE MODE	46	19.9
PUPIL CULTURAL BACKROUND	30	13.0
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO		
SPECIFIC LEARNING OBJECTIVES	121	52.4
PUPIL FUNCTIONAL LEVEL	82	35.5
PUPIL SENSORY INPUT MODE	39	16.9
PUPIL INTEREST LEVEL	35	15.2
PUPIL RESPONSE MODE	33	14.3
PUPIL CULTURAL BACKROUND	23	10.0
HOW TO		
EVALUATE EFFECTIVENESS OF MEDIA/MATERIALS	89	38.5
USE INSTR. MATERIALS/LEARNING RESOURCE CENTER	58	25.1
COORDINATE TWO OR MORE KINDS OF MATERIALS	50	21.6
TRAIN PARENTS IN USE OF CHILD INSTR. MTRLS	50	21.6
INTERPRET RESEARCH ON MEDIA/MATERIALS	32	13.9
PLAN/IMPLEMENT A MULTIMEDIA PRESENTATION	23	10.0
PREPARE MULTIMEDIA KITS	20	8.7
USE A COMPUTER TO OBTAIN MATERIALS INFORMATION	12	5.2
USE A COMPUTER TO DIAGNOSE LEARNER NEEDS	9	3.9
USE A COMPUTER TO MONITOR PUPIL PROGRESS	8	3.5

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Q12A (CONTINUED) FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT THE TRAINING NEEDS IN GREATEST DEMAND BY THE TEACHERS YOU WORK WITH

HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES	FREQ.	PCT
MATERIALS FOR INDEPENDENT CHILD USE	57	24.7
MEDIA HARDWARE AND EQUIPMENT	38	16.5
PROGRAMMED INSTRUCTIONAL MATERIALS	36	15.6
ADAPTIVE EQUIPMENT	23	10.0
MULTIMEDIA KITS	20	8.7
HOW TO MAKE		
AUDIO-VISUAL MATERIALS	36	15.6
TACTILE MATERIALS	23	10.0
A MASTER FOR REPRODUCTION UNITS	16	6.9
GRAPHICS (E.G., CHARTS, FLASH CARDS)	13	5.6
AUDIO MATERIALS	11	4.8
EXHIBITS	8	3.5
HOW TO OPERATE		
VIDEOTAPE EQUIPMENT	25	10.8
FILM PROJECTOR	19	8.2
UNIQUE TEACHING MACHINES	19	8.2
SPECIALIZED EQUIPMENT (E.G., OPTACON, PHONIC EAR) .	16	6.9
FILMSTRIP PROJECTOR	15	6.5
DRY MOUNT PRESS/LAMINATOR	14	6.1
COMPUTER-BASED INSTRUCTIONAL EQUIPMENT	14	6.1
TAPE RECORDER	9	3.9
MOTION PICTURE CAMERA	5	2.2
STILL PHOTOGRAPHIC EQUIPMENT	3	1.3

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Q12B FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR YOUR OWN FUTURE TRAINING

Q13 FOR EACH OF YOUR OWN PRIORITIES MARKED IN QUESTION 12B, INDICATE WHO WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 13 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 12B.)

	Q12B		PRINCIPAL/ COLLEAGUES		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
HOW TO SELECT MEDIA/MATERIALS ACCORDING TO SPECIFIC LEARNING OBJECTIVES FOR	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
SOCIAL/PERSONAL DEVELOPMENT	71	30.7	7	9.9	10	14.1	9	12.7	2	2.8	17	23.9	2	2.8	20	28.2
COGNITIVE DEVELOPMENT	62	26.8	2	3.2	12	19.4	15	24.2	0	0.0	25	40.3	4	6.5	2	3.2
LANGUAGE/SPEECH DEVELOPMENT	52	22.5	5	9.6	6	11.5	10	19.2	0	0.0	20	38.5	1	1.9	8	15.4
ACADEMIC DEVELOPMENT	45	19.5	5	11.1	3	6.7	6	13.3	2	4.4	16	35.6	2	4.4	7	15.6
PSYCHOMOTOR DEVELOPMENT	24	10.4	1	4.2	6	25.0	3	12.5	1	4.2	9	37.5	2	8.3	0	0.0
HOW TO SELECT MEDIA/MATERIALS ACCORDING TO																
PUPIL FUNCTIONAL LEVEL	62	26.8	9	14.5	6	9.7	10	16.1	1	1.6	21	33.9	2	3.2	11	17.7
PUPIL RESPONSE MODE	40	17.3	5	12.5	4	10.0	9	22.5	1	2.5	13	32.5	1	2.5	6	15.0
PUPIL SENSORY INPUT MODE	39	16.9	3	7.7	5	12.8	7	17.9	2	5.1	11	28.2	2	5.1	6	15.4
PUPIL INTEREST LEVEL	34	14.7	5	14.7	1	2.9	4	11.8	1	2.9	7	20.6	1	2.9	13	38.2
PUPIL CULTURAL BACKGROUND	23	10.0	3	13.0	2	8.7	5	21.7	2	8.7	0	0.0	0	0.0	9	39.1
HOW TO DESIGN OR ADAPT MEDIA/ MATERIALS ACCORDING TO																
SPECIFIC LEARNING OBJECTIVES ...	69	29.9	8	11.6	6	8.7	14	20.3	1	1.4	16	23.2	5	7.2	16	23.2
PUPIL FUNCTIONAL LEVEL	39	16.9	6	15.4	4	10.3	4	10.3	1	2.6	9	23.1	1	2.6	11	28.2
PUPIL RESPONSE MODE	28	12.1	4	14.3	1	3.6	9	32.1	2	7.1	8	28.6	1	3.6	2	7.1
PUPIL CULTURAL BACKGROUND	23	10.0	1	4.3	2	8.7	6	26.1	2	8.7	2	8.7	1	4.3	7	30.4
PUPIL SENSORY INPUT MODE	23	10.0	1	4.3	3	13.0	6	26.1	0	0.0	7	30.4	1	4.3	3	13.0
PUPIL INTEREST LEVEL	22	9.5	5	22.7	0	0.0	5	22.7	1	4.5	1	4.5	2	9.1	7	31.8
HOW TO																
EVAL. EFFECT. OF MEDIA/MTRLS ...	94	40.7	6	6.4	13	13.8	23	24.5	8	8.5	19	20.2	6	6.4	17	18.1
INTERPRET MEDIA/MTRLS RESEARCH .	52	22.5	2	3.8	9	17.3	6	11.5	8	15.4	20	38.5	1	1.9	4	7.7
TRAIN PARENTS IN CHILD MTRLS USE	43	18.6	1	2.3	9	20.9	5	11.6	2	4.7	13	30.2	1	2.3	10	23.3
USE COMPUTER FOR DIAGNOSIS	40	17.3	0	0.0	3	7.5	5	12.5	3	7.5	13	32.5	7	17.5	6	15.0
USE COMPUTER FOR MTRLS INFO. ...	37	16.0	0	0.0	7	18.9	8	21.6	3	8.1	10	27.0	4	10.8	3	8.1
COORD. TWO/MORE KINDS OF MTRLS .	34	14.7	0	0.0	5	14.7	13	38.2	4	11.8	2	5.9	1	2.9	8	23.5
USE INSTR. MTRLS/LRNG RES. CTR .	30	13.0	4	13.3	1	3.3	11	36.7	4	13.3	2	6.7	2	6.7	5	16.7
PREPARE MULTIMEDIA KITS	29	12.6	1	3.4	3	10.3	9	31.0	1	3.4	5	17.2	1	3.4	3	10.3
PLAN MULTIMEDIA PRESENTATION ...	29	12.6	2	6.9	5	17.2	11	37.9	2	6.9	5	17.2	3	10.3	1	3.4
USE COMPUTER TO MONITOR PROGRESS	27	11.7	0	0.0	3	11.1	5	18.5	2	7.4	6	22.2	6	22.2	4	14.8

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Q12B (CONTINUED) FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR YOUR OWN FUTURE TRAINING

Q13 (CONTINUED) FOR EACH OF YOUR OWN PRIORITIES MARKED IN QUESTION 12B, INDICATE WHO WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 13 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 12B.)

			PRINCIPAL/ COLLEAGUES		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
PROGRAMMED INSTR. MATERIALS	28	12.1	1	3.6	2	7.1	8	28.6	0	0.0	5	17.9	8	28.6	1	3.6
MTRLS FOR INDEP. CHILD USE	27	11.7	2	7.4	2	7.4	9	33.3	1	3.7	7	25.9	4	14.8	2	7.4
MULTIMEDIA KITS	22	9.5	1	4.5	3	13.6	5	22.7	0	0.0	3	13.6	4	18.2	3	13.6
MEDIA HARDWARE/EQUIPMENT	20	8.7	1	5.0	2	10.0	3	15.0	0	0.0	5	25.0	6	30.0	2	10.0
ADAPTIVE EQUIPMENT	14	6.1	1	7.1	2	14.3	2	14.3	1	7.1	2	14.3	2	14.3	2	14.3
HOW TO MAKE																
AUDIO-VISUAL MATERIALS	19	8.2	0	0.0	0	0.0	5	26.3	1	5.3	4	21.1	2	10.5	6	31.6
EXHIBITS	14	6.1	0	0.0	2	14.3	5	35.7	0	0.0	1	7.1	3	21.4	1	7.1
TACTILE MATERIALS	10	4.3	2	20.0	1	10.0	3	30.0	0	0.0	1	10.0	0	0.0	1	10.0
AUDIO MATERIALS	8	3.5	0	0.0	0	0.0	1	12.5	0	0.0	1	12.5	2	25.0	1	12.5
MASTER FOR REPRODUCTION UNITS ..	5	2.2	0	0.0	0	0.0	2	40.0	0	0.0	0	0.0	0	0.0	3	60.0
GRAPHICS (E.G., CHARTS)	5	2.2	1	20.0	0	0.0	1	20.0	0	0.0	1	20.0	0	0.0	2	40.0
HOW TO OPERATE																
COMPUTER-BASED INSTR. EQUIP. ...	30	13.0	0	0.0	3	10.0	5	16.7	1	3.3	6	20.0	10	33.3	2	6.7
VIDEOTAPE EQUIPMENT	24	10.4	3	12.5	2	8.3	1	4.2	1	4.2	4	16.7	5	20.8	7	29.2
SPECIALIZED EQUIPMENT	17	7.4	2	11.8	2	11.8	3	17.6	0	0.0	1	5.9	7	41.2	0	0.0
UNIQUE TEACHING MACHINES	17	7.4	0	0.0	0	0.0	3	17.6	1	5.9	3	17.6	7	41.2	1	5.9
MOTION PICTURE CAMERA	9	3.9	1	11.1	0	0.0	1	11.1	0	0.0	1	11.1	2	22.2	3	33.3
DRY MOUNT PRESS/LAMINATOR	8	3.5	0	0.0	0	0.0	2	25.0	0	0.0	0	0.0	0	0.0	4	50.0
STILL PHOTOGRAPHIC EQUIPMENT ...	8	3.5	1	12.5	1	12.5	1	12.5	0	0.0	1	12.5	1	12.5	2	25.0
TAPE RECORDER	5	2.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	80.0
FILMSTRIP PROJECTOR	2	0.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0
FILM PROJECTOR	2	0.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0

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RESPONDENT POPULATION 8: TEACHERS IN SPECIAL EDUCATION (I.E., TEACHERS FROM ALL HANDICAP AREAS COVERED BY QUESTIONNAIRE FORMS 1-6 COMBINED)

SUBSECTION A. DEMOGRAPHIC DESCRIPTION OF THE RESPONDENT POPULATION

ON THE FOLLOWING FOUR PAGES IS A DEMOGRAPHIC DESCRIPTION OF THE RESPONDENT POPULATION ABOVE. PRESENTED FOR EACH QUESTION, 2 THROUGH 11, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. (NOTE: QUESTION 1 CONSISTED OF A ZIP CODE IDENTIFIER WHICH WAS USED ONLY TO CLASSIFY RESPONDENTS BY STATE.)

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Q2 WHAT IS YOUR HIGHEST LEVEL OF FORMAL EDUCATION IN EACH OF THE THREE CATEGORIES BELOW

	IN CURRENT TEACHING SPECIALTY		IN OTHER EDUCATION-RELATED SPECIALTY		IN OTHER FIELD	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
SOME COLLEGE COURSES	484	5.1	1214	12.9	1912	20.3
BACHELOR'S DEGREE	1725	18.3	2210	23.4	1147	12.2
WORK BEYOND THE B.A.	2891	30.7	1807	19.2	629	6.7
MASTER'S DEGREE	2021	21.4	811	8.6	159	1.7
WORK BEYOND THE M.A.	1483	15.7	699	7.4	213	2.3
PH.D., ED.D.	23	0.2	19	0.2	10	0.1
NONE	67	0.7	463	4.9	1522	16.1
INVALID OR NO RESPONSE	738	7.8	2209	23.4	3840	40.7

Q3 WHAT IS THE EXTENT OF YOUR PROFESSIONAL EXPERIENCE IN EACH OF THE TWO CATEGORIES BELOW

	TEACHING THE HANDICAPPED		OTHER TEACHING	
	FREQ.	PCT	FREQ.	PCT
LESS THAN 1 YEAR	801	8.5	1458	15.5
1 TO 3 YEARS	2763	29.3	1653	17.5
4 TO 7 YEARS	3397	36.0	893	9.5
8 TO 15 YEARS	1847	19.6	612	6.5
16 OR MORE YEARS	428	4.5	349	3.7
NONE	13	0.1	1707	18.1
INVALID OR NO RESPONSE	183	1.9	2760	29.3

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q4 WHAT IS YOUR PRIMARY ROLE THIS SCHOOL YEAR

	FREQ.	PCT
SPECIAL CLASS TEACHER -- ALL SUBJECTS	3108	33.0
RESOURCE ROOM TEACHER	2165	23.0
SPECIAL CLASS TEACHER -- SPECIFIC SUBJECT(S)	1345	14.3
CLINICIAN/THERAPIST/PATHOLOGIST	1244	13.2
REGULAR CLASSROOM TEACHER	255	2.7
DIAGNOSTIC/PRESCRIPTIVE TEACHER	250	2.7
ITINERANT TEACHER	235	2.5
ITINERANT RESOURCE PERSON	138	1.5
HOME/HOSPITAL-BOUND TEACHER	51	0.5
MEDIA SPECIALIST OR LIBRARIAN	18	0.2
OTHER	376	4.0
INVALID OR NO RESPONSE	247	2.6

Q5 HOW MANY HANDICAPPED STUDENTS ARE YOU WORKING WITH AT THE PRESENT TIME

	FREQ.	PCT
10 TO 19	3650	38.7
40 OR MORE	1645	17.4
5 TO 9	1566	16.6
20 TO 29	1479	15.7
30 TO 39	714	7.6
4 OR FEWER	217	2.3
INVALID OR NO RESPONSE	161	1.7

Q6 IN YOUR TEACHING, HOW DO YOU PRESENTLY SPEND MOST OF YOUR TIME

	FREQ.	PCT
WITH SMALL GROUPS (2 TO 6 STUDENTS)	5494	58.2
WITH INDIVIDUAL STUDENTS	2515	26.7
WITH LARGER GROUPS (7 OR MORE STUDENTS)	1207	12.8
INVALID OR NO RESPONSE	216	2.3

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q7 WHICH CHRONOLOGICAL AGE CATEGORY BELOW BEST DESCRIBES YOUR CURRENT STUDENTS

	FREQ.	PCT
9 TO 11	1681	17.8
5 TO 8	1548	16.4
12 TO 14	1309	13.9
11 AND YOUNGER	1170	12.4
ALL AGES	1115	11.8
15 TO 17	1058	11.2
12 AND OLDER	829	8.8
18 AND OLDER	283	3.0
4 AND YOUNGER	237	2.5
INVALID OR NO RESPONSE	202	2.1

Q8 BY WHICH OF THE FOLLOWING ARE YOU EMPLOYED

	FREQ.	PCT
LOCAL PUBLIC SCHOOL DISTRICT	7734	82.0
STATE AGENCY OTHER THAN STATE EDUCATION AGENCY	904	9.6
PRIVATE OR NONPUBLIC AGENCY	120	1.3
OTHER AGENCY	496	5.3
INVALID OR NO RESPONSE	178	1.9

Q9 AT WHAT TYPE OF FACILITY DO YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
REGULAR SCHOOL	7075	75.0
SPECIAL EDUCATION SCHOOL (NONRESIDENTIAL)	953	10.1
SPECIAL EDUCATION RESIDENTIAL SCHOOL	777	8.2
DEVELOPMENTAL CENTER	152	1.6
HOSPITAL	98	1.0
CLINIC OR REHABILITATION AGENCY	36	0.4
OTHER FACILITY	190	2.0
INVALID OR NO RESPONSE	151	1.6

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Q10 WHAT IS THE TOTAL ENROLLMENT OF THE SCHOOL AT WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
250 TO 499	2969	31.5
500 TO 999	2555	27.1
100 TO 249	1389	14.7
1,000 OR MORE	1259	13.3
LESS THAN 100	720	7.6
NOT APPLICABLE	357	3.8
INVALID OR NO RESPONSE	183	1.9

Q11 WHICH BEST DESCRIBES THE TYPE OF COMMUNITY IN WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
TOWN (25,000 OR UNDER)	2134	22.6
SMALL CITY (25,000 -- 100,000)	1575	16.7
MEDIUM-SIZE CITY (100,000 -- 500,000)	1294	13.7
SUBURB OF A LARGE OR MEDIUM-SIZE CITY	1164	12.3
RURAL AREA NEAR A LARGE OR MEDIUM-SIZE CITY	1151	12.2
LARGE CITY (500,000 OR LARGER)	1102	11.7
RURAL AREA NOT NEAR A LARGE OR MEDIUM-SIZE CITY	828	8.8
INVALID OR NO RESPONSE	184	2.0

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RESPONDENT POPULATION 8: TEACHERS IN SPECIAL EDUCATION (I.E., TEACHERS FROM ALL HANDICAP AREAS COVERED BY QUESTIONNAIRE FORMS 1-6 COMBINED)

SUBSECTION B. ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

THE NEXT SIX PAGES CONTAIN THE ANALYSES OF THE ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS FOR THE RESPONDENT POPULATION ABOVE. PRESENTED FOR EACH QUESTION, 1 THROUGH 9, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. ALL PERCENTAGE CALCULATIONS, EXCEPT THOSE FOR QUESTIONS 7 AND 9, ARE BASED ON THE RESPONDENT POPULATION FREQUENCY IN THE UPPER RIGHT CORNER OF THE PAGE.

FOR QUESTIONS 7 AND 9, THE RESPONDENT BASE IS RESTRICTED IN A MANNER THAT IS EVIDENT FROM READING THE QUESTIONS; I.E., THE RESPONSE TO EACH ALTERNATIVE IN QUESTION 7 IS PREDICATED UPON A RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6. THEREFORE, THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 7 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6, RATHER THAN THE RESPONDENT POPULATION FREQUENCY.

QUESTION 9 IS SIMILARLY CONTINGENT UPON QUESTION 8. THAT IS, A RESPONSE TO A GIVEN ALTERNATIVE FOR QUESTION 9 WAS APPROPRIATE ONLY IF THAT SAME ALTERNATIVE WAS CHOSEN IN QUESTION 8, AND THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 9 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 8.

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Q1 FROM WHICH OF THE FOLLOWING SOURCES DO YOU OBTAIN MOST OF YOUR INFORMATION ABOUT TRAINING OPPORTUNITIES

	FREQ.	PCT
NO SOURCE AVAILABLE	179	1.9
WORKSHOPS AND CONFERENCES	4764	50.5
WORD OF MOUTH FROM COLLEAGUES	4092	43.4
SUPERVISOR	3411	36.2
COLLEGE BULLETINS AND ANNOUNCEMENTS	3031	32.1
PROFESSIONAL JOURNALS	2494	26.4
DISTRICT NEWSLETTERS/ANNOUNCEMENTS	2473	26.2
REGIONAL (IN-STATE) NEWSLETTERS/ANNOUNCEMENTS	1804	19.1
STATE NEWSLETTERS/ANNOUNCEMENTS	1290	13.7
PUBLISHERS' BROCHURES	1005	10.7
NATIONAL NEWSLETTERS/ANNOUNCEMENTS	469	5.0
REGIONAL (MULTI-STATE) NEWSLETTERS/ANNOUNCEMENTS	429	4.5
PUBLIC MEDIA ANNOUNCEMENTS	399	4.2
OTHER	408	4.3

Q2 TO WHAT EXTENT IS EACH OF THE FOLLOWING AN OBSTACLE TO ACQUIRING THE MEDIA AND MATERIALS TRAINING YOU NEED

	GREAT		MODERATE		LITTLE OR NOT AT ALL		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
INSUFFICIENT RELEASED TIME	3786	40.1	2595	27.5	2156	22.9	895	9.5
TOO EXPENSIVE	3470	36.8	2977	31.6	1989	21.1	996	10.6
INCONVENIENT LOCATION OF TRAINING PROGRAMS	2979	31.6	3178	33.7	2207	23.4	1068	11.3
INCONVENIENT SCHEDULING OF TRAINING PROGRAMS	2698	28.6	3537	37.5	2121	22.5	1076	11.4
LACK OF INFORMATION ABOUT TRAINING OPPORTUNITIES	1766	18.7	3583	38.0	3013	31.9	1070	11.3
NEGATIVE ATTITUDE OF ADMINISTRATORS/OTHER TEACHERS	1642	17.4	2320	24.6	4216	44.7	1254	13.3
TRAINING I NEED NOT OFFERED	1486	15.8	3073	32.6	3651	38.7	1222	13.0
LACK OF QUALIFIED TRAINERS	1255	13.3	2597	27.5	3998	42.4	1582	16.8
OTHER	308	3.3	388	4.1	1373	14.6	7363	78.1

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Q3 HOW ARE YOUR TRAINING NEEDS USUALLY MADE KNOWN TO ADMINISTRATIVE PERSONNEL IN YOUR DISTRICT OR FACILITY

	FREQ.	PCT
REQUEST TO SUPERVISOR	4224	44.8
NO REGULAR PROCEDURE TO MAKE TRAINING NEEDS KNOWN	3524	37.4
DIRECT REQUEST TO DISTRICT OFFICE	750	8.0
STRUCTURED INTERVIEW/QUESTIONNAIRE	247	2.6
OTHER PROCEDURE	247	2.6
INVALID OR NO RESPONSE	440	4.7

Q4 HAVE PACKAGED TRAINING KITS AND/OR PROGRAMMED MATERIALS PLAYED AN IMPORTANT ROLE IN YOUR TRAINING

	YES		NO		NEVER USED		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
DURING PRESERVICE/IN COLLEGE	2527	26.8	3225	34.2	3078	32.6	602	6.4
DURING INSERVICE	2772	29.4	3284	34.8	2804	29.7	572	6.1
ON YOUR OWN	3842	40.7	2687	28.5	2363	25.1	540	5.7

Q5 HOW VALUABLE WOULD SELF-INSTRUCTIONAL TRAINING KITS BE FOR YOUR TRAINING NEEDS IN EACH OF THE FOLLOWING SKILLS

	OF GREAT VALUE		OF SOME VALUE		OF LITTLE OR NO VALUE		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
MATCHING MEDIA/MATERIALS TO LEARNER NEEDS	5608	59.5	2883	30.6	671	7.1	270	2.9
ADAPTING MEDIA/MATERIALS	4655	49.4	3694	39.2	699	7.4	384	4.1
DESIGNING MEDIA/MATERIALS	4566	48.4	3407	36.1	1025	10.9	434	4.6
UTILIZING MEDIA/MATERIALS	3997	42.4	4167	44.2	823	8.7	445	4.7
SELECTING/EVALUATING MEDIA/MATERIALS	3798	40.3	4227	44.8	1096	11.6	311	3.3
REPAIRING MEDIA AND EQUIPMENT	2055	21.8	3652	38.7	3220	34.1	505	5.4

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Q6 WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
HOW TO SELECT MEDIA AND MATERIALS ACCORDING TO SPECIFIC LEARNING OBJECTIVES FOR										
LANGUAGE/SPEECH DEVELOPMENT	6569	69.6	4036	61.4	686	10.4	1330	20.2	249	3.8
SOCIAL/PERSONAL DEVELOPMENT	6548	69.4	2516	38.4	875	13.4	2483	37.9	353	5.4
COGNITIVE DEVELOPMENT	6491	68.8	4056	62.5	630	9.7	1196	18.4	239	3.7
ACADEMIC DEVELOPMENT	6439	68.3	4122	64.0	550	8.5	1342	20.8	92	1.4
PSYCHOMOTOR DEVELOPMENT	4161	44.1	2161	51.9	662	15.9	841	20.2	291	7.0
HOW TO SELECT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	8345	88.5	3832	45.9	1030	12.3	2820	33.8	227	2.7
PUPIL INTEREST LEVEL	7231	76.7	2058	28.5	735	10.2	3791	52.4	312	4.3
PUPIL RESPONSE MODE	5313	56.3	2215	41.7	639	12.0	1756	33.1	402	7.6
PUPIL SENSORY INPUT MODE	5064	53.7	2517	49.7	673	13.3	1271	25.1	351	6.9
PUPIL CULTURAL BACKGROUND	3421	36.3	820	24.0	392	11.5	1656	48.4	364	10.6
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	7725	81.9	3151	40.8	964	12.5	2877	37.2	270	3.5
SPECIFIC LEARNING OBJECTIVES	7646	81.1	3622	47.4	1482	19.4	1901	24.9	275	3.6
PUPIL INTEREST LEVEL	6525	69.2	1680	25.7	659	10.1	3556	54.5	308	4.7
PUPIL RESPONSE MODE	4821	51.1	1843	38.2	590	12.2	1707	35.4	414	8.6
PUPIL SENSORY INPUT MODE	4641	49.2	2048	44.1	607	13.1	1330	28.7	398	8.6
PUPIL CULTURAL BACKGROUND	2991	31.7	657	22.0	334	11.2	1470	49.1	361	12.1
HOW TO										
EVALUATE EFFECTIVENESS OF MEDIA/MATERIALS	6626	70.3	2067	31.2	915	13.8	2548	38.5	823	12.4
COORDINATE TWO OR MORE KINDS OF MATERIALS	5341	56.6	1045	19.6	575	10.8	2874	53.8	564	10.6
USE INSTR. MATERIALS/LEARNING RESOURCE CENTER	4910	52.1	1299	26.5	1217	24.8	1583	32.2	464	9.5
TRAIN PARENTS IN USE OF CHILD INSTR. MTRLS	3687	39.1	407	11.0	385	10.4	1020	27.7	1608	43.6
INTERPRET RESEARCH ON MEDIA/MATERIALS	2720	28.8	1376	50.6	276	10.1	546	20.1	392	14.4
PREPARE MULTIMEDIA KITS	2531	26.8	548	21.7	328	13.0	728	28.8	778	30.7
PLAN/IMPLEMENT A MULTIMEDIA PRESENTATION	2507	26.6	667	26.6	327	13.0	774	30.9	573	22.9
USE A COMPUTER TO DIAGNOSE LEARNER NEEDS	1243	13.2	84	6.8	153	12.3	34	2.7	865	69.6
USE A COMPUTER TO MONITOR PUPIL PROGRESS	944	10.0	64	6.8	142	15.0	37	3.9	635	67.3
USE A COMPUTER TO OBTAIN MATERIALS INFO.	923	9.8	92	10.0	141	15.3	47	5.1	563	61.0

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

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Q6 (CONTINUED) WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 (CONTINUED) FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES										
MATERIALS FOR INDEPENDENT CHILD USE	5551	58.9	1169	21.1	855	15.4	2548	45.9	513	9.2
PROGRAMMED INSTRUCTIONAL MATERIALS	4413	46.8	1096	24.8	888	20.1	1625	36.8	439	9.9
MEDIA HARDWARE AND EQUIPMENT	3671	38.9	1412	38.5	612	16.7	1203	32.8	227	6.2
MULTIMEDIA KITS	2953	31.3	601	20.4	520	17.6	1019	34.5	585	19.8
ADAPTIVE EQUIPMENT	2388	25.3	546	22.9	460	19.3	863	36.1	328	13.7
HOW TO MAKE										
A MASTER FOR REPRODUCTION UNITS	5295	56.1	1579	29.8	773	14.6	2487	47.0	210	4.0
AUDIO-VISUAL MATERIALS	4447	47.1	1770	39.8	637	14.3	1312	29.5	408	9.2
GRAPHICS (E.G., CHARTS, FLASH CARDS)	4273	45.3	1295	30.3	339	7.9	2233	52.3	190	4.4
TACTILE MATERIALS	3971	42.1	1219	30.7	486	12.2	1642	41.3	368	9.3
AUDIO MATERIALS	3494	37.0	1223	35.0	429	12.3	1298	37.1	310	8.9
EXHIBITS	1506	16.0	398	26.4	155	10.3	632	42.0	198	13.1
HOW TO OPERATE										
TAPE RECORDER	5515	58.5	1434	26.0	338	6.1	3345	60.7	129	2.3
FILMSTRIP PROJECTOR	4576	48.5	1776	38.8	515	11.3	1933	42.2	118	2.6
FILM PROJECTOR	3926	41.6	1680	42.8	473	12.0	1375	35.0	172	4.4
DRY MOUNT PRESS/LAMINATOR	2955	31.3	843	28.5	656	22.2	755	25.5	538	18.2
UNIQUE TEACHING MACHINES	2544	27.0	355	14.0	487	19.1	773	30.4	712	28.0
VIDEOTAPE EQUIPMENT	1929	20.5	408	21.2	407	21.1	349	18.1	626	32.5
SPECIALIZED EQUIPMENT (E.G., OPTACON)	1892	20.1	552	29.2	365	19.3	344	18.2	488	25.8
STILL PHOTOGRAPHIC EQUIPMENT	1132	12.0	186	16.4	83	7.3	520	45.9	248	21.9
COMPUTER-BASED INSTRUCTIONAL EQUIPMENT	988	10.5	78	7.9	130	13.2	73	7.4	594	60.1
MOTION PICTURE CAMERA	800	8.5	159	19.9	68	8.5	256	32.0	235	29.4

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

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Q8 FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 8, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

	Q8		PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO SPECIFIC OBJECTIVES FOR	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
LANGUAGE/SPEECH DEVEL.	3757	39.8	219	5.8	229	6.1	400	10.6	530	14.1	115	3.1	1477	39.3	129	3.4	547	14.6
SOCIAL/PERSONAL DEVEL.	3513	37.2	206	5.9	151	4.3	478	13.6	480	13.7	87	2.5	811	23.1	85	2.4	1044	29.7
ACADEMIC DEVELOPMENT	2924	31.0	288	9.8	205	7.0	194	6.6	349	11.9	75	2.6	972	33.2	89	3.0	597	20.4
COGNITIVE DEVELOPMENT	2776	29.4	125	4.5	142	5.1	260	9.4	333	12.0	76	2.7	1217	43.8	63	2.3	427	15.4
PSYCHOMOTOR DEVELOP.	1528	16.2	67	4.4	52	3.4	216	14.1	236	15.4	56	3.7	529	34.6	29	1.9	239	15.6
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO																		
PUPIL FUNCTIONAL LEVEL	3328	35.3	278	8.4	264	7.9	224	6.7	400	12.0	70	2.1	724	21.8	143	4.3	1070	32.2
PUPIL INTEREST LEVEL	2181	23.1	206	9.4	120	5.5	118	5.4	251	11.5	48	2.2	253	11.6	139	6.4	945	43.3
PUPIL INPUT MODE	1355	14.4	53	3.9	100	7.4	128	9.4	197	14.5	33	2.4	496	36.6	52	3.8	217	16.0
PUPIL RESPONSE MODE	1064	11.3	53	5.0	67	6.3	90	8.5	148	13.9	18	1.7	324	30.5	40	3.8	264	24.8
PUPIL CULT. BACKGROUND	765	8.1	77	10.1	38	5.0	82	10.7	109	14.2	25	3.3	103	13.5	15	2.0	258	33.7
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO																		
SPECIFIC LRNG OBJCTVS.	3561	37.8	244	6.9	438	12.3	274	7.7	585	16.4	167	4.7	947	26.6	128	3.6	626	17.6
PUPIL FUNCTIONAL LEVEL	2511	26.6	222	8.8	170	6.8	193	7.7	344	13.7	70	2.8	548	21.8	91	3.6	743	29.6
PUPIL INTEREST LEVEL	1594	16.9	150	9.4	81	5.1	102	6.4	178	11.2	40	2.5	204	12.8	104	6.5	637	40.0
PUPIL INPUT MODE	1188	12.6	61	5.1	70	5.9	118	9.9	187	15.7	31	2.6	438	36.9	33	2.8	177	14.9
PUPIL RESPONSE MODE	988	10.5	62	6.3	45	4.6	84	8.5	129	13.1	31	3.1	314	31.8	27	2.7	227	23.0
PUPIL CULT. BACKGROUND	572	6.1	47	8.2	33	5.8	58	10.1	98	17.1	18	3.1	81	14.2	16	2.8	176	30.8
HOW TO																		
EVAL. MEDIA/MATERIALS	2748	29.1	193	7.0	254	9.2	197	7.2	437	15.9	124	4.5	553	20.1	168	6.1	714	26.0
TRAIN PARENTS IN MTRLS	1919	20.3	152	7.9	226	11.8	221	11.5	426	22.2	111	5.8	321	16.7	78	4.1	291	15.2
USE LRNG RESOURCE CTR	1327	14.1	137	10.3	147	11.1	89	6.7	307	23.1	53	4.0	205	15.4	91	6.9	230	17.3
COORD. TWO/MORE MTRLS	1322	14.0	108	8.2	119	9.0	101	7.6	250	18.9	37	2.8	183	13.8	130	9.8	313	23.7
PREPARE MULTIMEDIA KITS	1049	11.1	65	6.2	67	6.4	86	8.2	246	23.5	43	4.1	214	20.4	135	12.9	124	11.8
USE COMPUTER TO DIAG.	914	9.7	28	3.1	39	4.3	147	16.1	145	15.9	36	3.9	212	23.2	190	20.8	70	7.7
INTERPRET M/M RESEARCH	795	8.4	25	3.1	59	7.4	54	6.8	123	15.5	36	4.5	335	42.1	40	5.0	69	8.7
PLAN MULTIMEDIA PRES.	757	8.0	40	5.3	70	9.2	76	10.0	172	22.7	35	4.6	145	19.2	71	9.4	96	12.7
USE COMPUTER TO MONITOR	545	5.8	21	3.9	24	4.4	82	15.0	79	14.5	26	4.8	114	20.9	106	19.4	64	11.7
USE COMPUTER FOR INFO	513	5.4	24	4.7	22	4.3	64	12.5	87	17.0	28	5.5	100	19.5	112	21.8	46	9.0

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Q8 (CONTINUED) FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 (CONTINUED) FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 8, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

	Q8		PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
INDEP. CHILD USE MTRLS	1650	17.5	126	7.6	132	8.0	133	8.1	290	17.6	55	3.3	217	13.2	299	18.1	301	18.2
PROGRAMMED MATERIALS	1013	10.7	50	4.9	72	7.1	85	8.4	192	19.0	28	2.8	159	15.7	263	26.0	106	10.5
MULTIMEDIA KITS	635	6.7	41	6.5	48	7.6	51	8.0	136	21.4	21	3.3	87	13.7	160	25.2	57	9.0
ADAPTIVE EQUIPMENT	566	6.0	44	7.8	47	8.3	87	15.4	85	15.0	17	3.0	69	12.2	109	19.3	72	12.7
MEDIA HARDWARE/EQUIP.	464	4.9	61	13.1	38	8.2	31	6.7	63	13.6	8	1.7	64	13.8	112	24.1	59	12.7
HOW TO MAKE																		
AUDIO-VISUAL MATERIALS	830	8.8	86	10.4	50	6.0	57	6.9	154	18.6	17	2.0	161	19.4	129	15.5	131	15.8
TACTILE MATERIALS	548	5.8	59	10.8	39	7.1	50	9.1	83	15.1	9	1.6	121	22.1	51	9.3	97	17.7
REPRODUCTION MASTERS	393	4.2	82	20.9	23	5.9	16	4.1	22	5.6	3	0.8	56	14.2	47	12.0	123	31.3
AUDIO MATERIALS	390	4.1	38	9.7	28	7.2	33	8.5	61	15.6	11	2.8	63	16.2	60	15.4	65	16.7
GRAPHICS (E.G., CHARTS)	346	3.7	42	12.1	17	4.9	23	6.6	46	13.3	6	1.7	64	18.5	29	8.4	104	30.1
EXHIBITS	191	2.0	22	11.5	10	5.2	20	10.5	26	13.6	5	2.6	23	12.0	19	9.9	48	25.1
HOW TO OPERATE																		
UNIQUE TCHNG MACHINES	649	6.9	36	5.5	33	5.1	64	9.9	76	11.7	9	1.4	79	12.2	259	39.9	57	8.8
VIDEOTAPE EQUIPMENT	594	6.3	101	17.0	48	8.1	59	9.9	67	11.3	10	1.7	65	10.9	145	24.4	69	11.6
COMPUTER-BASED EQUIP.	502	5.3	18	3.6	22	4.4	68	13.5	69	13.7	17	3.4	88	17.5	139	27.7	43	8.6
SPECIALIZED EQUIPMENT	468	5.0	22	4.7	35	7.5	55	11.8	49	10.5	6	1.3	80	17.1	154	32.9	40	8.5
DRY MOUNT/LAMINATOR	392	4.2	81	20.7	30	7.7	23	5.9	38	9.7	5	1.3	47	12.0	74	18.9	72	18.4
TAPE RECORDER	221	2.3	29	13.1	18	8.1	5	2.3	18	8.1	2	0.9	30	13.6	26	11.8	77	34.8
FILM PROJECTOR	217	2.3	57	26.3	19	8.8	8	3.7	16	7.4	2	0.9	33	15.2	22	10.1	42	19.4
FILMSTRIP PROJECTOR	195	2.1	33	16.9	14	7.2	6	3.1	14	7.2	1	0.5	37	19.0	22	11.3	54	27.7
STILL PHOTOG. EQUIP.	183	1.9	13	7.1	8	4.4	28	15.3	19	10.4	2	1.1	27	14.8	44	24.0	30	16.4
MOTION PICTURE CAMERA	139	1.5	16	11.5	8	5.8	13	9.4	15	10.8	1	0.7	14	10.1	33	23.7	27	19.4

USERS' GUIDE TO NNA ANALYSIS

SECTION III. TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

RESPONDENT POPULATION 8: TEACHERS IN SPECIAL EDUCATION (I.E., TEACHERS FROM ALL HANDICAP AREAS COVERED BY QUESTIONNAIRE FORMS 1-6 COMBINED)

SUBSECTION C. DEMOGRAPHIC DESCRIPTION OF THE SUBGROUP OF PUBLIC SCHOOL TEACHERS

ON THE FOLLOWING FOUR PAGES IS A DEMOGRAPHIC DESCRIPTION OF THE SUBGROUP OF PUBLIC SCHOOL TEACHERS FROM THE RESPONDENT POPULATION ABOVE. FOR PURPOSES OF THE ANALYSES IN THIS AND THE NEXT SUBSECTION (D), "PUBLIC SCHOOL TEACHER" IS DEFINED AS A RESPONDENT WHO INDICATED IN THE DEMOGRAPHIC SECTION (PAGE 11) OF THE QUESTIONNAIRE THAT HE IS EMPLOYED BY EITHER THE LOCAL PUBLIC SCHOOL DISTRICT OR A STATE AGENCY OTHER THAN THE STATE EDUCATION AGENCY (QUESTION 8) AND THAT HE WORKS PRIMARILY AT EITHER A REGULAR SCHOOL OR A NONRESIDENTIAL SPECIAL EDUCATION SCHOOL (QUESTION 9).

THE SUBGROUP IDENTIFICATION APPEARS IN THE UPPER RIGHT CORNER OF THE PAGE, OPPOSITE THE RESPONDENT POPULATION DESCRIPTION. BELOW IT APPEARS THE NUMBER OF RESPONDENTS IN THIS SUBGROUP. PRESENTED FOR EACH QUESTION, 2 THROUGH 11, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. ALL PERCENTAGE CALCULATIONS ARE BASED ON THE NUMBER OF RESPONDENTS IN THE SUBGROUP. (NOTE: QUESTION 1 CONSISTED OF A ZIP CODE IDENTIFIER WHICH WAS USED ONLY TO CLASSIFY RESPONDENTS BY STATE.)

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Q2 WHAT IS YOUR HIGHEST LEVEL OF FORMAL EDUCATION
IN EACH OF THE THREE CATEGORIES BELOW

	IN CURRENT TEACHING SPECIALTY		IN OTHER EDUCATION-RELATED SPECIALTY		IN OTHER FIELD	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
SOME COLLEGE COURSES	359	4.7	988	12.9	1581	20.7
BACHELOR'S DEGREE	1433	18.7	1859	24.3	929	12.2
WORK BEYOND THE B.A.	2434	31.8	1480	19.4	514	6.7
MASTER'S DEGREE	1646	21.5	676	8.8	124	1.6
WORK BEYOND THE M.A.	1242	16.2	566	7.4	179	2.3
PH.D., ED.D.	14	0.2	15	0.2	7	0.1
NONE	39	0.5	368	4.8	1279	16.7
INVALID OR NO RESPONSE	479	6.3	1694	22.2	3033	39.7

Q3 WHAT IS THE EXTENT OF YOUR PROFESSIONAL EXPERIENCE
IN EACH OF THE TWO CATEGORIES BELOW

	TEACHING THE HANDICAPPED		OTHER TEACHING	
	FREQ.	PCT	FREQ.	PCT
LESS THAN 1 YEAR	636	8.3	1168	15.3
1 TO 3 YEARS	2297	30.0	1375	18.0
4 TO 7 YEARS	2849	37.3	750	9.8
8 TO 15 YEARS	1506	19.7	529	6.9
16 OR MORE YEARS	302	3.9	295	3.9
NONE	11	0.1	1400	18.3
INVALID OR NO RESPONSE	45	0.6	2129	27.8

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q4 WHAT IS YOUR PRIMARY ROLE THIS SCHOOL YEAR

	FREQ.	PCT
SPECIAL CLASS TEACHER -- ALL SUBJECTS	2557	33.4
RESOURCE ROOM TEACHER	2093	27.4
CLINICIAN/THERAPIST/PATHOLOGIST	1075	14.1
SPECIAL CLASS TEACHER -- SPECIFIC SUBJECT(S)	993	13.0
DIAGNOSTIC/PRESCRIPTIVE TEACHER	200	2.6
ITINERANT TEACHER	196	2.6
ITINERANT RESOURCE PERSON	122	1.6
REGULAR CLASSROOM TEACHER	88	1.2
HOME/HOSPITAL-BOUND TEACHER	11	0.1
MEDIA SPECIALIST OR LIBRARIAN	9	0.1
OTHER	207	2.7
INVALID OR NO RESPONSE	95	1.2

Q5 HOW MANY HANDICAPPED STUDENTS ARE YOU WORKING WITH AT THE PRESENT TIME

	FREQ.	PCT
10 TO 19	3153	41.2
40 OR MORE	1330	17.4
20 TO 29	1257	16.4
5 TO 9	1133	14.8
30 TO 39	588	7.7
4 OR FEWER	157	2.1
INVALID OR NO RESPONSE	28	0.4

Q6 IN YOUR TEACHING, HOW DO YOU PRESENTLY SPEND MOST OF YOUR TIME

556

	FREQ.	PCT
WITH SMALL GROUPS (2 TO 6 STUDENTS)	4679	61.2
WITH INDIVIDUAL STUDENTS	1972	25.8
WITH LARGER GROUPS (7 OR MORE STUDENTS)	929	12.2
INVALID OR NO RESPONSE	66	0.9

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Q7 WHICH CHRONOLOGICAL AGE CATEGORY BELOW BEST DESCRIBES YOUR CURRENT STUDENTS

	FREQ.	PCT
9 TO 11	1517	19.8
5 TO 8	1380	18.0
12 TO 14	1127	14.7
11 AND YOUNGER	1076	14.1
15 TO 17	849	11.1
ALL AGES	800	10.5
12 AND OLDER	593	7.8
4 AND YOUNGER	156	2.0
18 AND OLDER	87	1.1
INVALID OR NO RESPONSE	61	0.8

Q8 BY WHICH OF THE FOLLOWING ARE YOU EMPLOYED

	FREQ.	PCT
LOCAL PUBLIC SCHOOL DISTRICT	7409	96.9
STATE AGENCY OTHER THAN STATE EDUCATION AGENCY	237	3.1
PRIVATE OR NONPUBLIC AGENCY	0	0.0
OTHER AGENCY	0	0.0
INVALID OR NO RESPONSE	0	0.0

Q9 AT WHAT TYPE OF FACILITY DO YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
REGULAR SCHOOL	6843	89.5
SPECIAL EDUCATION SCHOOL (NONRESIDENTIAL)	803	10.5
SPECIAL EDUCATION RESIDENTIAL SCHOOL	0	0.0
DEVELOPMENTAL CENTER	0	0.0
CLINIC OR REHABILITATION AGENCY	0	0.0
HOSPITAL	0	0.0
OTHER FACILITY	0	0.0
INVALID OR NO RESPONSE	0	0.0

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Q10 WHAT IS THE TOTAL ENROLLMENT OF THE SCHOOL AT WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
250 TO 499	2544	33.3
500 TO 999	2330	30.5
1,000 OR MORE	1151	15.1
100 TO 249	951	12.4
LESS THAN 100	387	5.1
NOT APPLICABLE	234	3.1
INVALID OR NO RESPONSE	49	0.6

Q11 WHICH BEST DESCRIBES THE TYPE OF COMMUNITY IN WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
TOWN (25,000 OR UNDER)	1716	22.4
SMALL CITY (25,000 -- 100,000)	1216	15.9
MEDIUM-SIZE CITY (100,000 -- 500,000)	1031	13.5
SUBURB OF A LARGE OR MEDIUM-SIZE CITY	1024	13.4
RURAL AREA NEAR A LARGE OR MEDIUM-SIZE CITY	998	13.1
LARGE CITY (500,000 OR LARGER)	897	11.7
RURAL AREA NOT NEAR A LARGE OR MEDIUM-SIZE CITY	719	9.4
INVALID OR NO RESPONSE	45	0.6

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SECTION III. TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

RESPONDENT POPULATION 8: TEACHERS IN SPECIAL EDUCATION (I.E., TEACHERS FROM ALL HANDICAP AREAS COVERED BY QUESTIONNAIRE FORMS 1-6 COMBINED)

SUBSECTION D. ANALYSIS OF ITEMS ON TRAINING FOR THE SUBGROUP OF PUBLIC SCHOOL TEACHERS

THE NEXT SIX PAGES CONTAIN THE ANALYSES OF THE ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS FOR THE SUBGROUP OF PUBLIC SCHOOL TEACHERS FROM THE RESPONDENT POPULATION ABOVE. (THE TERM "PUBLIC SCHOOL TEACHER" IS DEFINED IN THE INTRODUCTION TO SUBSECTION C.) THIS SUBGROUP IS INDICATED IN THE UPPER RIGHT CORNER OF THE PAGE, OPPOSITE THE DESCRIPTION OF THE RESPONDENT POPULATION. BELOW IT APPEARS THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

PRESENTED FOR EACH QUESTION, 1 THROUGH 9, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. ALL PERCENTAGE CALCULATIONS, EXCEPT THOSE FOR QUESTIONS 7 AND 9, ARE BASED ON THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

FOR QUESTIONS 7 AND 9, THE RESPONDENT BASE IS RESTRICTED IN A MANNER THAT IS EVIDENT FROM READING THE QUESTIONS; I.E., THE RESPONSE TO EACH ALTERNATIVE IN QUESTION 7 IS PREDICATED UPON A RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6. THEREFORE, THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 7 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6, RATHER THAN THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

QUESTION 9 IS SIMILARLY CONTINGENT UPON QUESTION 8. THAT IS, A RESPONSE TO A GIVEN ALTERNATIVE FOR QUESTION 9 WAS APPROPRIATE ONLY IF THAT SAME ALTERNATIVE WAS CHOSEN IN QUESTION 8, AND THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 9 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 8.

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Q1 FROM WHICH OF THE FOLLOWING SOURCES DO YOU OBTAIN MOST OF YOUR INFORMATION ABOUT TRAINING OPPORTUNITIES

	FREQ.	PCT
NO SOURCE AVAILABLE	142	1.9
WORKSHOPS AND CONFERENCES	3913	51.2
WORD OF MOUTH FROM COLLEAGUES	3254	42.6
SUPERVISOR	2687	35.1
COLLEGE BULLETINS AND ANNOUNCEMENTS	2576	33.7
DISTRICT NEWSLETTERS/ANNOUNCEMENTS	2207	28.9
PROFESSIONAL JOURNALS	1989	26.0
REGIONAL (IN-STATE) NEWSLETTERS/ANNOUNCEMENTS	1543	20.2
STATE NEWSLETTERS/ANNOUNCEMENTS	1080	14.1
PUBLISHERS' BROCHURES	831	10.9
NATIONAL NEWSLETTERS/ANNOUNCEMENTS	342	4.5
REGIONAL (MULTI-STATE) NEWSLETTERS/ANNOUNCEMENTS	319	4.2
PUBLIC MEDIA ANNOUNCEMENTS	296	3.9
OTHER	293	3.8

Q2 TO WHAT EXTENT IS EACH OF THE FOLLOWING AN OBSTACLE TO ACQUIRING THE MEDIA AND MATERIALS TRAINING YOU NEED

	GREAT		MODERATE		LITTLE OR NOT AT ALL		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
INSUFFICIENT RELEASED TIME	3174	41.5	2110	27.6	1716	22.4	646	8.4
TOO EXPENSIVE	2833	37.1	2460	32.2	1605	21.0	748	9.8
INCONVENIENT LOCATION OF TRAINING PROGRAMS	2427	31.7	2632	34.4	1778	23.3	809	10.6
INCONVENIENT SCHEDULING OF TRAINING PROGRAMS	2194	28.7	2928	38.3	1716	22.4	808	10.6
NEGATIVE ATTITUDE OF ADMINISTRATORS/OTHER TEACHERS	1411	18.5	1877	24.5	3398	44.4	960	12.6
LACK OF INFORMATION ABOUT TRAINING OPPORTUNITIES	1375	18.0	2947	38.5	2509	32.8	815	10.7
TRAINING I NEED NOT OFFERED	1158	15.1	2508	32.8	3037	39.7	943	12.3
LACK OF QUALIFIED TRAINERS	993	13.0	2087	27.3	3326	43.5	1240	16.2
OTHER	249	3.3	312	4.1	1110	14.5	5975	78.1

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Q3 HOW ARE YOUR TRAINING NEEDS USUALLY MADE KNOWN TO ADMINISTRATIVE PERSONNEL IN YOUR DISTRICT OR FACILITY

	FREQ.	PCT
REQUEST TO SUPERVISOR	3256	42.6
NO REGULAR PROCEDURE TO MAKE TRAINING NEEDS KNOWN	2994	39.2
DIRECT REQUEST TO DISTRICT OFFICE	671	8.8
STRUCTURED INTERVIEW/QUESTIONNAIRE	216	2.8
OTHER PROCEDURE	201	2.6
INVALID OR NO RESPONSE	308	4.0

Q4 HAVE PACKAGED TRAINING KITS AND/OR PROGRAMMED MATERIALS PLAYED AN IMPORTANT ROLE IN YOUR TRAINING

	YES		NO		NEVER USED		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
DURING PRESERVICE/IN COLLEGE	2076	27.2	2628	34.4	2504	32.7	438	5.7
DURING INSERVICE	2242	29.3	2678	35.0	2311	30.2	415	5.4
ON YOUR OWN	3169	41.4	2183	28.6	1910	25.0	384	5.0

Q5 HOW VALUABLE WOULD SELF-INSTRUCTIONAL TRAINING KITS BE FOR YOUR TRAINING NEEDS IN EACH OF THE FOLLOWING SKILLS

	OF GREAT VALUE		OF SOME VALUE		OF LITTLE OR NO VALUE		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
MATCHING MEDIA/MATERIALS TO LEARNER NEEDS	4651	60.8	2317	30.3	511	6.7	167	2.2
ADAPTING MEDIA/MATERIALS	3768	49.3	3068	40.1	550	7.2	260	3.4
DESIGNING MEDIA/MATERIALS	3681	48.1	2826	37.0	834	10.9	305	4.0
UTILIZING MEDIA/MATERIALS	3275	42.8	3426	44.8	645	8.4	300	3.9
SELECTING/EVALUATING MEDIA/MATERIALS	3127	40.9	3450	45.1	869	11.4	200	2.6
REPAIRING MEDIA AND EQUIPMENT	1660	21.7	3000	39.2	2639	34.5	347	4.5

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Q6 WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
HOW TO SELECT MEDIA AND MATERIALS ACCORDING TO SPECIFIC LEARNING OBJECTIVES FOR										
ACADEMIC DEVELOPMENT	5436	71.1	3514	64.6	454	8.4	1136	20.9	67	1.2
LANGUAGE/SPEECH DEVELOPMENT	5402	70.7	3387	62.7	506	9.4	1111	20.6	191	3.5
SOCIAL/PERSONAL DEVELOPMENT	5365	70.2	2080	38.8	705	13.1	2043	38.1	288	5.4
COGNITIVE DEVELOPMENT	5340	69.8	3432	64.3	467	8.7	948	17.8	196	3.7
PSYCHOMOTOR DEVELOPMENT	3335	43.6	1804	54.1	493	14.8	669	20.1	223	6.7
HOW TO SELECT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	6829	89.3	3229	47.3	792	11.6	2302	33.7	166	2.4
PUPIL INTEREST LEVEL	6012	78.6	1715	28.5	580	9.6	3216	53.5	236	3.9
PUPIL RESPONSE MODE	4354	56.9	1903	43.7	476	10.9	1413	32.5	324	7.4
PUPIL SENSORY INPUT MODE	4169	54.5	2156	51.7	506	12.1	1030	24.7	280	6.7
PUPIL CULTURAL BACKGROUND	2976	38.9	716	24.1	332	11.2	1463	49.2	309	10.4
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO										
SPECIFIC LEARNING OBJECTIVES	6356	83.1	3085	48.5	1214	19.1	1546	24.3	231	3.6
PUPIL FUNCTIONAL LEVEL	6336	82.9	2670	42.1	752	11.9	2342	37.0	210	3.3
PUPIL INTEREST LEVEL	5427	71.0	1403	25.9	530	9.8	2989	55.1	254	4.7
PUPIL RESPONSE MODE	3933	51.4	1582	40.2	455	11.6	1375	35.0	322	8.2
PUPIL SENSORY INPUT MODE	3818	49.9	1761	46.1	465	12.2	1075	28.2	320	8.4
PUPIL CULTURAL BACKGROUND	2605	34.1	575	22.1	282	10.8	1294	49.7	315	12.1
HOW TO										
EVALUATE EFFECTIVENESS OF MEDIA/MATERIALS	5509	72.1	1736	31.5	729	13.2	2179	39.6	661	12.0
COORDINATE TWO OR MORE KINDS OF MATERIALS	4497	58.8	874	19.4	464	10.3	2469	54.9	461	10.3
USE INSTR. MATERIALS/LEARNING RESOURCE CENTER	4168	54.5	1104	26.5	1010	24.2	1377	33.0	390	9.4
TRAIN PARENTS IN USE OF CHILD INSTR. MTRLS	3132	41.0	337	10.8	310	9.9	878	28.0	1379	44.0
INTERPRET RESEARCH ON MEDIA/MATERIALS	2243	29.3	1160	51.7	218	9.7	458	20.4	313	14.0
PREPARE MULTIMEDIA KITS	2117	27.7	463	21.9	273	12.9	614	29.0	657	31.0
PLAN/IMPLEMENT A MULTIMEDIA PRESENTATION	2098	27.4	579	27.6	264	12.6	648	30.9	482	23.0
USE A COMPUTER TO DIAGNOSE LEARNER NEEDS	1024	13.4	67	6.5	120	11.7	28	2.7	720	70.3
USE A COMPUTER TO MONITOR PUPIL PROGRESS	760	9.9	47	6.2	115	15.1	31	4.1	513	67.5
USE A COMPUTER TO OBTAIN MATERIALS INFO.	740	9.7	70	9.5	115	15.5	37	5.0	449	60.7

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

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Q6 (CONTINUED) WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 (CONTINUED) FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES										
MATERIALS FOR INDEPENDENT CHILD USE	4705	61.5	1002	21.3	718	15.3	2177	46.3	423	9.0
PROGRAMMED INSTRUCTIONAL MATERIALS	3812	49.9	957	25.1	729	19.1	1453	38.1	366	9.6
MEDIA HARDWARE AND EQUIPMENT	3051	39.9	1191	39.0	455	14.9	1045	34.3	187	6.1
MULTIMEDIA KITS	2553	33.4	515	20.2	446	17.5	910	35.6	489	19.2
ADAPTIVE EQUIPMENT	1820	23.8	445	24.5	310	17.0	680	37.4	245	13.5
HOW TO MAKE										
A MASTER FOR REPRODUCTION UNITS	4536	59.3	1341	29.6	609	13.4	2216	48.9	168	3.7
AUDIO-VISUAL MATERIALS	3775	49.4	1516	40.2	521	13.8	1141	30.2	341	9.0
GRAPHICS (E.G., CHARTS, FLASH CARDS)	3632	47.5	1111	30.6	264	7.3	1924	53.0	155	4.3
TACTILE MATERIALS	3238	42.3	1032	31.9	373	11.5	1342	41.4	284	8.8
AUDIO MATERIALS	3033	39.7	1075	35.4	364	12.0	1153	38.0	252	8.3
EXHIBITS	1214	15.9	328	27.0	124	10.2	500	41.2	162	13.3
HOW TO OPERATE										
TAPE RECORDER	4762	62.3	1250	26.2	265	5.6	2923	61.4	105	2.2
FILMSTRIP PROJECTOR	3824	50.0	1496	39.1	373	9.8	1674	43.8	94	2.5
FILM PROJECTOR	3246	42.5	1403	43.2	339	10.4	1180	36.4	145	4.5
DRY MOUNT PRESS/LAMINATOR	2514	32.9	711	28.3	537	21.4	683	27.2	453	18.0
UNIQUE TEACHING MACHINES	2132	27.9	306	14.4	374	17.5	689	32.3	590	27.7
VIDEOTAPE EQUIPMENT	1506	19.7	325	21.6	290	19.3	271	18.0	515	34.2
SPECIALIZED EQUIPMENT (E.G., OPTACON)	1480	19.4	453	30.6	242	16.4	280	18.9	389	26.3
STILL PHOTOGRAPHIC EQUIPMENT	836	10.9	131	15.7	49	5.9	387	46.3	197	23.6
COMPUTER-BASED INSTRUCTIONAL EQUIPMENT	791	10.3	65	8.2	95	12.0	59	7.5	483	61.1
MOTION PICTURE CAMERA	615	8.0	121	19.7	44	7.2	197	32.0	190	30.9

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

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Q8 FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 8, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

	Q8		PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO SPECIFIC OBJECTIVES FOR	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
LANGUAGE/SPEECH DEVEL.	3035	39.7	158	5.2	191	6.3	303	10.0	449	14.8	89	2.9	1223	40.3	108	3.6	429	14.1
SOCIAL/PERSONAL DEVEL.	2864	37.5	154	5.4	134	4.7	392	13.7	400	14.0	70	2.4	671	23.4	71	2.5	842	29.4
ACADEMIC DEVELOPMENT	2468	32.3	228	9.2	177	7.2	170	6.9	311	12.6	64	2.6	817	33.1	73	3.0	504	20.4
COGNITIVE DEVELOPMENT	2221	29.0	90	4.1	119	5.4	212	9.5	270	12.2	58	2.6	985	44.3	52	2.3	326	14.7
PSYCHOMOTOR DEVELOP.	1170	15.3	53	4.5	43	3.7	161	13.8	192	16.4	40	3.4	413	35.3	25	2.1	170	14.5
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO																		
PUPIL FUNCTIONAL LEVEL	2655	34.7	203	7.6	217	8.2	167	6.3	344	13.0	51	1.9	588	22.1	114	4.3	851	32.1
PUPIL INTEREST LEVEL	1765	23.1	153	8.7	103	5.8	93	5.3	213	12.1	37	2.1	199	11.3	119	6.7	770	43.6
PUPIL INPUT MODE	1109	14.5	37	3.3	81	7.3	101	9.1	173	15.6	26	2.3	428	38.6	42	3.8	158	14.2
PUPIL RESPONSE MODE	846	11.1	38	4.5	56	6.6	70	8.3	123	14.5	15	1.8	277	32.7	30	3.5	188	22.2
PUPIL CULT. BACKGROUND	668	8.7	64	9.6	32	4.8	78	11.7	98	14.7	18	2.7	89	13.3	13	1.9	229	34.3
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO																		
SPECIFIC LRNG OBJCTVS.	2994	39.2	175	5.8	379	12.7	235	7.8	526	17.6	139	4.6	794	26.5	112	3.7	513	17.1
PUPIL FUNCTIONAL LEVEL	1996	26.1	160	8.0	144	7.2	151	7.6	283	14.2	56	2.8	444	22.2	78	3.9	581	29.1
PUPIL INTEREST LEVEL	1285	16.8	111	8.6	66	5.1	77	6.0	147	11.4	33	2.6	160	12.5	89	6.9	529	41.2
PUPIL INPUT MODE	951	12.4	41	4.3	53	5.6	96	10.1	161	16.9	24	2.5	365	38.4	29	3.0	132	13.9
PUPIL RESPONSE MODE	774	10.1	42	5.4	38	4.9	61	7.9	112	14.5	26	3.4	256	33.1	25	3.2	164	21.2
PUPIL CULT. BACKGROUND	492	6.4	33	6.7	26	5.3	52	10.6	90	18.3	16	3.3	71	14.4	15	3.0	152	30.9
HOW TO																		
EVAL. MEDIA/MATERIALS	2278	29.8	158	6.9	220	9.7	152	6.7	367	16.1	103	4.5	448	19.7	143	6.3	603	26.5
TRAIN PARENTS IN MTRLS	1626	21.3	124	7.6	195	12.0	186	11.4	370	22.8	95	5.8	269	16.5	71	4.4	238	14.6
COORD. TWO/MORE MTRLS	1134	14.8	81	7.1	107	9.4	88	7.8	222	19.6	32	2.8	152	13.4	119	10.5	266	23.5
USE LRNG RESOURCE CTR	1113	14.6	118	10.6	130	11.7	71	6.4	256	23.0	43	3.9	163	14.6	81	7.3	198	17.8
PREPARE MULTIMEDIA KITS	863	11.3	44	5.1	54	6.3	70	8.1	215	24.9	37	4.3	179	20.7	113	13.1	100	11.6
USE COMPUTER TO DIAG.	769	10.1	22	2.9	38	4.9	116	15.1	129	16.8	28	3.6	179	23.3	160	20.8	57	7.4
INTERPRET M/M RESEARCH	647	8.5	19	2.9	48	7.4	40	6.2	97	15.0	32	4.9	278	43.0	37	5.7	56	8.7
PLAN MULTIMEDIA PRES.	624	8.2	33	5.3	62	9.9	62	9.9	148	23.7	27	4.3	125	20.0	56	9.0	73	11.7
USE COMPUTER TO MONITOR	440	5.8	13	3.0	21	4.8	58	13.2	75	17.0	20	4.5	89	20.2	90	20.5	50	11.4
USE COMPUTER FOR INFO	405	5.3	17	4.2	21	5.2	47	11.6	74	18.3	20	4.9	77	19.0	92	22.7	33	8.1

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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q8 (CONTINUED) FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 (CONTINUED) FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 8, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

	Q8		PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
INDEP. CHILD USE MTRLS	1390	18.2	95	6.8	112	8.1	115	8.3	252	18.1	49	3.5	183	13.2	258	18.6	246	17.7
PROGRAMMED MATERIALS	842	11.0	43	5.1	62	7.4	67	8.0	165	19.6	25	3.0	134	15.9	215	25.5	81	9.6
MULTIMEDIA KITS	540	7.1	31	5.7	39	7.2	43	8.0	125	23.1	18	3.3	74	13.7	133	24.6	51	9.4
ADAPTIVE EQUIPMENT	390	5.1	25	6.4	35	9.0	50	12.8	60	15.4	11	2.8	46	11.8	91	23.3	43	11.0
MEDIA HARDWARE/EQUIP.	360	4.7	45	12.5	26	7.2	21	5.8	55	15.3	7	1.9	48	13.3	90	25.0	47	13.1
HOW TO MAKE																		
AUDIO-VISUAL MATERIALS	665	8.7	67	10.1	40	6.0	41	6.2	130	19.5	12	1.8	127	19.1	105	15.8	105	15.8
TACTILE MATERIALS	408	5.3	41	10.0	29	7.1	32	7.8	66	16.2	6	1.5	93	22.8	38	9.3	70	17.2
REPRODUCTION MASTERS	320	4.2	73	22.8	12	3.8	10	3.1	16	5.0	1	0.3	50	15.6	39	12.2	100	31.3
AUDIO MATERIALS	320	4.2	33	10.3	26	8.1	26	8.1	53	16.6	7	2.2	50	15.6	51	15.9	47	14.7
GRAPHICS (E.G., CHARTS)	264	3.5	35	13.3	12	4.5	17	6.4	35	13.3	3	1.1	50	18.9	22	8.3	80	30.3
EXHIBITS	150	2.0	18	12.0	9	6.0	14	9.3	21	14.0	4	2.7	20	13.3	16	10.7	35	23.3
HOW TO OPERATE																		
UNIQUE TCHNG MACHINES	529	6.9	28	5.3	26	4.9	46	8.7	61	11.5	6	1.1	57	10.8	224	42.3	52	9.8
VIDEOTAPE EQUIPMENT	489	6.4	85	17.4	34	7.0	45	9.2	62	12.7	7	1.4	56	11.5	123	25.2	52	10.6
COMPUTER-BASED EQUIP.	411	5.4	13	3.2	18	4.4	53	12.9	59	14.4	15	3.6	72	17.5	114	27.7	34	8.3
SPECIALIZED EQUIPMENT	363	4.7	10	2.8	23	6.3	40	11.0	42	11.6	4	1.1	66	18.2	122	33.6	33	9.1
DRY MOUNT/LAMINATOR	312	4.1	68	21.8	21	6.7	16	5.1	31	9.9	5	1.6	36	11.5	59	18.9	59	18.9
TAPE RECORDER	182	2.4	25	13.7	8	4.4	4	2.2	16	8.8	1	0.5	28	15.4	23	12.6	66	36.3
FILM PROJECTOR	176	2.3	50	28.4	12	6.8	7	4.0	12	6.8	1	0.6	30	17.0	18	10.2	35	19.9
FILMSTRIP PROJECTOR	152	2.0	23	15.1	7	4.6	4	2.6	12	7.9	0	0.0	35	23.0	19	12.5	42	27.6
STILL PHOTOG. EQUIP.	147	1.9	11	7.5	6	4.1	22	15.0	16	10.9	1	0.7	22	15.0	39	26.5	21	14.3
MOTION PICTURE CAMERA	108	1.4	11	10.2	5	4.6	9	8.3	13	12.0	1	0.9	10	9.3	25	23.1	23	21.3

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SECTION III. TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

RESPONDENT POPULATION 8: TEACHERS IN SPECIAL EDUCATION (I.E., TEACHERS FROM ALL HANDICAPPED AREAS COVERED BY QUESTIONNAIRE FORMS 1-6 COMBINED)

SUBSECTION E. DEMOGRAPHIC DESCRIPTION OF THE SUBGROUP OF INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHERS

ON THE FOLLOWING FOUR PAGES IS A DEMOGRAPHIC DESCRIPTION OF THE SUBGROUP OF INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHERS FROM THE RESPONDENT POPULATION ABOVE. FOR PURPOSES OF THE ANALYSES IN THIS AND THE NEXT SUBSECTION (F), "INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHER" IS DEFINED AS A RESPONDENT WHO INDICATED IN THE DEMOGRAPHIC SECTION (PAGE 11) OF THE QUESTIONNAIRE EITHER

(1) THAT HE IS EMPLOYED BY THE LOCAL PUBLIC SCHOOL DISTRICT OR A STATE AGENCY OTHER THAN THE STATE EDUCATION AGENCY (QUESTION 8) AND THAT HE WORKS PRIMARILY AT A SPECIAL EDUCATION RESIDENTIAL SCHOOL, DEVELOPMENTAL CENTER, CLINIC OR REHABILITATION AGENCY, HOSPITAL, OR OTHER FACILITY (QUESTION 9),

OR (2) THAT HE IS EMPLOYED BY A PRIVATE OR NONPUBLIC AGENCY OR OTHER AGENCY (QUESTION 8) REGARDLESS OF THE TYPE OF FACILITY IN WHICH HE WORKS (QUESTION 9).

THE SUBGROUP IDENTIFICATION APPEARS IN THE UPPER RIGHT CORNER OF THE PAGE, OPPOSITE THE RESPONDENT POPULATION DESCRIPTION. BELOW IT APPEARS THE NUMBER OF RESPONDENTS IN THIS SUBGROUP. PRESENTED FOR EACH QUESTION, 2 THROUGH 11, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. ALL PERCENTAGE CALCULATIONS ARE BASED ON THE NUMBER OF RESPONDENTS IN THE SUBGROUP. (NOTE: QUESTION 1 CONSISTED OF A ZIP CODE IDENTIFIER WHICH WAS USED ONLY TO CLASSIFY RESPONDENTS BY STATE.)

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q2 WHAT IS YOUR HIGHEST LEVEL OF FORMAL EDUCATION
IN EACH OF THE THREE CATEGORIES BELOW

	IN CURRENT TEACHING SPECIALTY		IN OTHER EDUCATION-RELATED SPECIALTY		IN OTHER FIELD	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
SOME COLLEGE COURSES	120	7.6	219	13.8	317	20.0
BACHELOR'S DEGREE	281	17.7	336	21.2	212	13.4
WORK BEYOND THE B.A.	432	27.2	313	19.7	108	6.8
MASTER'S DEGREE	365	23.0	123	7.7	32	2.0
WORK BEYOND THE M.A.	224	14.1	125	7.9	32	2.0
PH.D., ED.D.	9	0.6	3	0.2	3	0.2
NONE	27	1.7	92	5.8	233	14.7
INVALID OR NO RESPONSE	130	8.2	377	23.7	651	41.0

Q3 WHAT IS THE EXTENT OF YOUR PROFESSIONAL EXPERIENCE
IN EACH OF THE TWO CATEGORIES BELOW

	TEACHING THE HANDICAPPED		OTHER TEACHING	
	FREQ.	PCT	FREQ.	PCT
LESS THAN 1 YEAR	160	10.1	274	17.3
1 TO 3 YEARS	442	27.8	266	16.8
4 TO 7 YEARS	525	33.1	136	8.6
8 TO 15 YEARS	321	20.2	76	4.8
16 OR MORE YEARS	124	7.8	49	3.1
NONE	2	0.1	298	18.8
INVALID OR NO RESPONSE	14	0.9	489	30.8

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q4 WHAT IS YOUR PRIMARY ROLE THIS SCHOOL YEAR

	FREQ.	PCT
SPECIAL CLASS TEACHER -- ALL SUBJECTS	518	32.6
SPECIAL CLASS TEACHER -- SPECIFIC SUBJECT(S)	345	21.7
REGULAR CLASSROOM TEACHER	164	10.3
CLINICIAN/THERAPIST/PATHOLOGIST	164	10.3
RESOURCE ROOM TEACHER	61	3.8
DIAGNOSTIC/PRESCRIPTIVE TEACHER	46	2.9
HOME/HOSPITAL-BOUND TEACHER	39	2.5
ITINERANT TEACHER	37	2.3
ITINERANT RESOURCE PERSON	15	0.9
MEDIA SPECIALIST OR LIBRARIAN	9	0.6
OTHER	164	10.3
INVALID OR NO RESPONSE	26	1.6

Q5 HOW MANY HANDICAPPED STUDENTS ARE YOU WORKING WITH AT THE PRESENT TIME

	FREQ.	PCT
10 TO 19	469	29.5
5 TO 9	416	26.2
40 OR MORE	298	18.8
20 TO 29	217	13.7
30 TO 39	123	7.7
4 OR FEWER	56	3.5
INVALID OR NO RESPONSE	9	0.6

Q6 IN YOUR TEACHING, HOW DO YOU PRESENTLY SPEND MOST OF YOUR TIME

	FREQ.	PCT
WITH SMALL GROUPS (2 TO 6 STUDENTS)	782	49.2
WITH INDIVIDUAL STUDENTS	519	32.7
WITH LARGER GROUPS (7 OR MORE STUDENTS)	265	16.7
INVALID OR NO RESPONSE	22	1.4

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ANALYSIS OF DEMOGRAPHIC DATA - TRAINING

Q7 WHICH CHRONOLOGICAL AGE CATEGORY BELOW BEST DESCRIBES YOUR CURRENT STUDENTS

	FREQ.	PCT
ALL AGES	301	19.0
12 AND OLDER	228	14.4
15 TO 17	204	12.8
18 AND OLDER	190	12.0
12 TO 14	174	11.0
5 TO 8	160	10.1
9 TO 11	149	9.4
11 AND YOUNGER	89	5.6
4 AND YOUNGER	77	4.8
INVALID OR NO RESPONSE	16	1.0

Q8 BY WHICH OF THE FOLLOWING ARE YOU EMPLOYED

	FREQ.	PCT
STATE AGENCY OTHER THAN STATE EDUCATION AGENCY	662	41.7
LOCAL PUBLIC SCHOOL DISTRICT	310	19.5
PRIVATE OR NONPUBLIC AGENCY	120	7.6
OTHER AGENCY	496	31.2
INVALID OR NO RESPONSE	0	0.0

Q9 AT WHAT TYPE OF FACILITY DO YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
SPECIAL EDUCATION RESIDENTIAL SCHOOL	765	48.2
REGULAR SCHOOL	209	13.2
DEVELOPMENTAL CENTER	152	9.6
SPECIAL EDUCATION SCHOOL (NONRESIDENTIAL)	138	8.7
HOSPITAL	96	6.0
CLINIC OR REHABILITATION AGENCY	35	2.2
OTHER FACILITY	187	11.8
INVALID OR NO RESPONSE	6	0.4

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Q10 WHAT IS THE TOTAL ENROLLMENT OF THE SCHOOL AT WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
100 TO 249	421	26.5
250 TO 499	406	25.6
LESS THAN 100	320	20.2
500 TO 999	214	13.5
1,000 OR MORE	102	6.4
NOT APPLICABLE	115	7.2
INVALID OR NO RESPONSE	10	0.6

Q11 WHICH BEST DESCRIBES THE TYPE OF COMMUNITY IN WHICH YOU PRIMARILY WORK AT THE PRESENT TIME

	FREQ.	PCT
TOWN (25,000 OR UNDER)	404	25.4
SMALL CITY (25,000 -- 100,000)	342	21.5
MEDIUM-SIZE CITY (100,000 -- 500,000)	252	15.9
LARGE CITY (500,000 OR LARGER)	193	12.2
RURAL AREA NEAR A LARGE OR MEDIUM-SIZE CITY	146	9.2
SUBURB OF A LARGE OR MEDIUM-SIZE CITY	135	8.5
RURAL AREA NOT NEAR A LARGE OR MEDIUM-SIZE CITY	104	6.5
INVALID OR NO RESPONSE	12	0.8

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SUBSECTION F. ANALYSIS OF ITEMS ON TRAINING FOR THE SUBGROUP OF INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHERS

THE NEXT SIX PAGES CONTAIN THE ANALYSES OF THE ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS FOR THE SUBGROUP OF INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHERS FROM THE RESPONDENT POPULATION ABOVE. (THE TERM "INSTITUTIONAL AND NON-PUBLIC SCHOOL TEACHER" IS DEFINED IN THE INTRODUCTION TO SUBSECTION E.) THIS SUBGROUP IS INDICATED IN THE UPPER RIGHT CORNER OF THE PAGE, OPPOSITE THE DESCRIPTION OF THE RESPONDENT POPULATION. BELOW IT APPEARS THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

PRESENTED FOR EACH QUESTION, 1 THROUGH 9, ARE THE FREQUENCY AND PERCENTAGE OF RESPONDENTS WHO SELECTED EACH RESPONSE ALTERNATIVE. ALL PERCENTAGE CALCULATIONS, EXCEPT THOSE FOR QUESTIONS 7 AND 9, ARE BASED ON THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

FOR QUESTIONS 7 AND 9, THE RESPONDENT BASE IS RESTRICTED IN A MANNER THAT IS EVIDENT FROM READING THE QUESTIONS; I.E., THE RESPONSE TO EACH ALTERNATIVE IN QUESTION 7 IS PREDICATED UPON A RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6. THEREFORE, THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 7 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 6, RATHER THAN THE NUMBER OF RESPONDENTS IN THE SUBGROUP.

QUESTION 9 IS SIMILARLY CONTINGENT UPON QUESTION 8. THAT IS, A RESPONSE TO A GIVEN ALTERNATIVE FOR QUESTION 9 WAS APPROPRIATE ONLY IF THAT SAME ALTERNATIVE WAS CHOSEN IN QUESTION 8, AND THE PERCENTAGE CALCULATIONS FOR EACH RESPONSE ALTERNATIVE IN QUESTION 9 ARE BASED UPON THE FREQUENCY OF RESPONSE TO THAT SAME ALTERNATIVE IN QUESTION 8.

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ANALYSIS OF ITEMS ON TRAINING IN THE USE OF SPECIAL EDUCATION MEDIA AND MATERIALS

Q1 FROM WHICH OF THE FOLLOWING SOURCES DO YOU OBTAIN MOST OF YOUR INFORMATION ABOUT TRAINING OPPORTUNITIES

	FREQ.	PCT
NO SOURCE AVAILABLE	34	2.1
WORKSHOPS AND CONFERENCES	776	48.9
WORD OF MOUTH FROM COLLEAGUES	771	48.6
SUPERVISOR	665	41.9
PROFESSIONAL JOURNALS	460	29.0
COLLEGE BULLETINS AND ANNOUNCEMENTS	412	25.9
REGIONAL (IN-STATE) NEWSLETTERS/ANNOUNCEMENTS	230	14.5
DISTRICT NEWSLETTERS/ANNOUNCEMENTS	228	14.4
STATE NEWSLETTERS/ANNOUNCEMENTS	180	11.3
PUBLISHERS' BROCHURES	158	9.9
NATIONAL NEWSLETTERS/ANNOUNCEMENTS	120	7.6
REGIONAL (MULTI-STATE) NEWSLETTERS/ANNOUNCEMENTS	95	6.0
PUBLIC MEDIA ANNOUNCEMENTS	90	5.7
OTHER	101	6.4

Q2 TO WHAT EXTENT IS EACH OF THE FOLLOWING AN OBSTACLE TO ACQUIRING THE MEDIA AND MATERIALS TRAINING YOU NEED

	GREAT		MODERATE		LITTLE OR NOT AT ALL		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
TOO EXPENSIVE	584	36.8	480	30.2	350	22.0	174	11.0
INSUFFICIENT RELEASED TIME	566	35.6	444	28.0	404	25.4	174	11.0
INCONVENIENT LOCATION OF TRAINING PROGRAMS	521	32.8	494	31.1	398	25.1	175	11.0
INCONVENIENT SCHEDULING OF TRAINING PROGRAMS	470	29.6	556	35.0	373	23.5	189	11.9
LACK OF INFORMATION ABOUT TRAINING OPPORTUNITIES	363	22.9	592	37.3	454	28.6	179	11.3
TRAINING I NEED NOT OFFERED	309	19.5	517	32.6	559	35.2	203	12.8
LACK OF QUALIFIED TRAINERS	244	15.4	472	29.7	615	38.7	257	16.2
NEGATIVE ATTITUDE OF ADMINISTRATORS/OTHER TEACHERS	217	13.7	405	25.5	754	47.5	212	13.4
OTHER	54	3.4	73	4.6	244	15.4	1217	76.6

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Q3 HOW ARE YOUR TRAINING NEEDS USUALLY MADE KNOWN TO ADMINISTRATIVE PERSONNEL IN YOUR DISTRICT OR FACILITY

	FREQ.	PCT
REQUEST TO SUPERVISOR	894	56.3
NO REGULAR PROCEDURE TO MAKE TRAINING NEEDS KNOWN	487	30.7
DIRECT REQUEST TO DISTRICT OFFICE	70	4.4
OTHER PROCEDURE	39	2.5
STRUCTURED INTERVIEW/QUESTIONNAIRE	27	1.7
INVALID OR NO RESPONSE	71	4.5

Q4 HAVE PACKAGED TRAINING KITS AND/OR PROGRAMMED MATERIALS PLAYED AN IMPORTANT ROLE IN YOUR TRAINING

	YES		NO		NEVER USED		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
DURING PRESERVICE/IN COLLEGE	411	25.9	551	34.7	525	33.1	101	6.4
DURING INSERVICE	482	30.4	557	35.1	456	28.7	93	5.9
ON YOUR OWN	616	38.8	464	29.2	420	26.4	88	5.5

Q5 HOW VALUABLE WOULD SELF-INSTRUCTIONAL TRAINING KITS BE FOR YOUR TRAINING NEEDS IN EACH OF THE FOLLOWING SKILLS

	OF GREAT VALUE		OF SOME VALUE		OF LITTLE OR NO VALUE		INVALID OR NO RESPONSE	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
MATCHING MEDIA/MATERIALS TO LEARNER NEEDS	871	54.8	526	33.1	144	9.1	47	3.0
DESIGNING MEDIA/MATERIALS	817	51.4	534	33.6	175	11.0	62	3.9
ADAPTING MEDIA/MATERIALS	816	51.4	575	36.2	138	8.7	59	3.7
UTILIZING MEDIA/MATERIALS	665	41.9	689	43.4	160	10.1	74	4.7
SELECTING/EVALUATING MEDIA/MATERIALS	612	38.5	716	45.1	209	13.2	51	3.2
REPAIRING MEDIA AND EQUIPMENT	366	23.0	599	37.7	540	34.0	83	5.2

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Q6 WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
HOW TO SELECT MEDIA AND MATERIALS ACCORDING TO SPECIFIC LEARNING OBJECTIVES FOR										
SOCIAL/PERSONAL DEVELOPMENT	1083	68.2	400	36.9	156	14.4	412	38.0	62	5.7
LANGUAGE/SPEECH DEVELOPMENT	1073	67.6	595	55.5	168	15.7	204	19.0	51	4.8
COGNITIVE DEVELOPMENT	1061	66.8	575	54.2	154	14.5	230	21.7	43	4.1
ACADEMIC DEVELOPMENT	909	57.2	550	60.5	91	10.0	188	20.7	25	2.8
PSYCHOMOTOR DEVELOPMENT	761	47.9	329	43.2	155	20.4	163	21.4	66	8.7
HOW TO SELECT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	1403	88.4	561	40.0	221	15.8	486	34.6	59	4.2
PUPIL INTEREST LEVEL	1118	70.4	313	28.0	142	12.7	537	48.0	69	6.2
PUPIL RESPONSE MODE	888	55.9	293	33.0	150	16.9	320	36.0	72	8.1
PUPIL SENSORY INPUT MODE	829	52.2	337	40.7	158	19.1	224	27.0	66	8.0
PUPIL CULTURAL BACKGROUND	401	25.3	94	23.4	51	12.7	182	45.4	48	12.0
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO										
PUPIL FUNCTIONAL LEVEL	1292	81.4	444	34.4	198	15.3	508	39.3	56	4.3
SPECIFIC LEARNING OBJECTIVES	1183	74.5	501	42.3	244	20.6	325	27.5	43	3.6
PUPIL INTEREST LEVEL	1015	63.9	255	25.1	114	11.2	537	52.9	50	4.9
PUPIL RESPONSE MODE	826	52.0	240	29.1	124	15.0	320	38.7	88	10.7
PUPIL SENSORY INPUT MODE	772	48.6	271	35.1	134	17.4	243	31.5	74	9.6
PUPIL CULTURAL BACKGROUND	348	21.9	73	21.0	43	12.4	165	47.4	43	12.4
HOW TO										
EVALUATE EFFECTIVENESS OF MEDIA/MATERIALS	1032	65.0	301	29.2	175	17.0	350	33.9	150	14.5
COORDINATE TWO OR MORE KINDS OF MATERIALS	781	49.2	150	19.2	106	13.6	385	49.3	95	12.2
USE INSTR. MATERIALS/LEARNING RESOURCE CENTER	680	42.8	171	25.1	188	27.6	195	28.7	71	10.4
TRAIN PARENTS IN USE OF CHILD INSTR. MTRLS	511	32.2	64	12.5	69	13.5	133	26.0	211	41.3
INTERPRET RESEARCH ON MEDIA/MATERIALS	446	28.1	205	46.0	54	12.1	85	19.1	73	16.4
PREPARE MULTIMEDIA KITS	374	23.6	76	20.3	49	13.1	107	28.6	112	29.9
PLAN/IMPLEMENT A MULTIMEDIA PRESENTATION	374	23.6	78	20.9	56	15.0	118	31.6	85	22.7
USE A COMPUTER TO DIAGNOSE LEARNER NEEDS	197	12.4	15	7.6	29	14.7	4	2.0	134	68.0
USE A COMPUTER TO MONITOR PUPIL PROGRESS	168	10.6	14	8.3	24	14.3	5	3.0	114	67.9
USE A COMPUTER TO OBTAIN MATERIALS INFO.	167	10.5	20	12.0	22	13.2	9	5.4	106	63.5

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

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Q6 (CONTINUED) WHICH OF THE SKILLS LISTED BELOW ARE CRITICAL TO YOUR JOB

Q7 (CONTINUED) FOR THOSE SKILLS WHICH YOU INDICATED TO BE CRITICAL, HOW HAVE YOU RECEIVED MOST OF YOUR TRAINING

	Q6		IN COLLEGE/ PRESERVICE		INSERVICE TRAINING		SELF-TRAINED		NOT TRAINED	
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
MATERIALS FOR INDEPENDENT CHILD USE	769	48.4	152	19.8	126	16.4	339	44.1	85	11.1
MEDIA HARDWARE AND EQUIPMENT	581	36.6	206	35.5	149	25.6	153	26.3	36	6.2
PROGRAMMED INSTRUCTIONAL MATERIALS	549	34.6	123	22.4	148	27.0	160	29.1	67	12.2
ADAPTIVE EQUIPMENT	531	33.4	97	18.3	139	26.2	174	32.8	77	14.5
MULTIMEDIA KITS	372	23.4	77	20.7	69	18.5	106	28.5	92	24.7
HOW TO MAKE										
A MASTER FOR REPRODUCTION UNITS	702	44.2	221	31.5	154	21.9	248	35.3	40	5.7
TACTILE MATERIALS	690	43.5	169	24.5	103	14.9	294	42.6	78	11.3
AUDIO-VISUAL MATERIALS	620	39.0	233	37.6	113	18.2	157	25.3	61	9.8
GRAPHICS (E.G., CHARTS, FLASH CARDS)	595	37.5	166	27.9	66	11.1	300	50.4	32	5.4
AUDIO MATERIALS	422	26.6	135	32.0	60	14.2	135	32.0	53	12.6
EXHIBITS	272	17.1	65	23.9	29	10.7	126	46.3	31	11.4
HOW TO OPERATE										
FILMSTRIP PROJECTOR	700	44.1	259	37.0	138	19.7	237	33.9	22	3.1
TAPE RECORDER	689	43.4	165	23.9	67	9.7	389	56.5	23	3.3
FILM PROJECTOR	635	40.0	259	40.8	130	20.5	177	27.9	26	4.1
DRY MOUNT PRESS/LAMINATOR	414	26.1	121	29.2	113	27.3	68	16.4	82	19.8
VIDEOTAPE EQUIPMENT	394	24.8	76	19.3	112	28.4	71	18.0	107	27.2
SPECIALIZED EQUIPMENT (E.G., OPTACON)	392	24.7	92	23.5	119	30.4	61	15.6	96	24.5
UNIQUE TEACHING MACHINES	380	23.9	44	11.6	106	27.9	76	20.0	115	30.3
STILL PHOTOGRAPHIC EQUIPMENT	276	17.4	50	18.1	33	12.0	122	44.2	49	17.8
COMPUTER-BASED INSTRUCTIONAL EQUIPMENT	186	11.7	12	6.5	33	17.7	12	6.5	106	57.0
MOTION PICTURE CAMERA	173	10.9	35	20.2	23	13.3	54	31.2	44	25.4

(NOTE: PERCENTAGES FOR QUESTION 7 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 6.)

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Q8 FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 8, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

	Q8		PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO SPECIFIC OBJECTIVES FOR	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
LANGUAGE/SPEECH DEVEL.	671	42.3	58	8.6	36	5.4	90	13.4	74	11.0	24	3.6	240	35.8	16	2.4	111	16.5
SOCIAL/PERSONAL DEVEL.	591	37.2	49	8.3	17	2.9	82	13.9	74	12.5	16	2.7	123	20.8	12	2.0	182	30.8
COGNITIVE DEVELOPMENT	516	32.5	32	6.2	20	3.9	47	9.1	59	11.4	16	3.1	221	42.8	11	2.1	90	17.4
ACADEMIC DEVELOPMENT	416	26.2	55	13.2	27	6.5	23	5.5	35	8.4	10	2.4	143	34.4	14	3.4	82	19.7
PSYCHOMOTOR DEVELOP.	332	20.9	14	4.2	9	2.7	51	15.4	42	12.7	15	4.5	103	31.0	4	1.2	64	19.3
HOW TO SELECT MEDIA/ MATERIALS ACCORDING TO																		
PUPIL FUNCTIONAL LEVEL	622	39.2	70	11.3	45	7.2	54	8.7	53	8.5	16	2.6	126	20.3	26	4.2	200	32.2
PUPIL INTEREST LEVEL	380	23.9	51	13.4	17	4.5	21	5.5	34	8.9	8	2.1	51	13.4	18	4.7	160	42.1
PUPIL INPUT MODE	227	14.3	16	7.0	15	6.6	27	11.9	22	9.7	5	2.2	65	28.6	8	3.5	54	23.8
PUPIL RESPONSE MODE	197	12.4	15	7.6	10	5.1	17	8.6	22	11.2	3	1.5	41	20.8	8	4.1	72	36.5
PUPIL CULT. BACKGROUND	89	5.6	11	12.4	6	6.7	4	4.5	10	11.2	7	7.9	14	15.7	2	2.2	24	27.0
HOW TO DESIGN/ADAPT MEDIA/MATERIALS ACCORDING TO																		
SPECIFIC LRNG OBJCTVS.	521	32.8	64	12.3	53	10.2	36	6.9	54	10.4	24	4.6	143	27.4	13	2.5	106	20.3
PUPIL FUNCTIONAL LEVEL	484	30.5	61	12.6	25	5.2	40	8.3	58	12.0	12	2.5	100	20.7	12	2.5	149	30.8
PUPIL INTEREST LEVEL	286	18.0	37	12.9	15	5.2	18	6.3	30	10.5	6	2.1	42	14.7	15	5.2	100	35.0
PUPIL INPUT MODE	223	14.0	20	9.0	17	7.6	20	9.0	26	11.7	7	3.1	70	31.4	4	1.8	39	17.5
PUPIL RESPONSE MODE	199	12.5	19	9.5	7	3.5	22	11.1	17	8.5	5	2.5	56	28.1	2	1.0	56	28.1
PUPIL CULT. BACKGROUND	70	4.4	13	18.6	7	10.0	6	8.6	8	11.4	2	2.9	10	14.3	1	1.4	17	24.3
HOW TO																		
EVAL. MEDIA/MATERIALS	429	27.0	33	7.7	30	7.0	40	9.3	65	15.2	18	4.2	98	22.8	22	5.1	102	23.8
TRAIN PARENTS IN MTRLS	267	16.8	26	9.7	29	10.9	32	12.0	51	19.1	13	4.9	51	19.1	7	2.6	47	17.6
USE LRNG RESOURCE CTR	195	12.3	17	8.7	17	8.7	16	8.2	46	23.6	9	4.6	39	20.0	10	5.1	28	14.4
COORD. TWO/MORE MTRLS	171	10.8	27	15.8	12	7.0	12	7.0	25	14.6	5	2.9	27	15.8	10	5.8	42	24.6
PREPARE MULTIMEDIA KITS	169	10.6	21	12.4	13	7.7	14	8.3	28	16.6	5	3.0	32	18.9	22	13.0	20	11.8
INTERPRET M/M RESEARCH	137	8.6	6	4.4	11	8.0	13	9.5	26	19.0	4	2.9	52	38.0	3	2.2	11	8.0
USE COMPUTER TO DIAG.	131	8.2	6	4.6	1	0.8	29	22.1	15	11.5	8	6.1	30	22.9	28	21.4	8	6.1
PLAN MULTIMEDIA PRES.	122	7.7	7	5.7	8	6.6	12	9.8	20	16.4	8	6.6	19	15.6	13	10.7	22	18.0
USE COMPUTER FOR INFO	97	6.1	7	7.2	1	1.0	16	16.5	13	13.4	7	7.2	20	20.6	19	19.6	10	10.3
USE COMPUTER TO MONITOR	94	5.9	8	8.5	2	2.1	22	23.4	4	4.3	6	6.4	23	24.5	14	14.9	10	10.6

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Q8 (CONTINUED) FROM THE LIST OF SKILLS BELOW, SELECT UP TO FIVE THAT REPRESENT YOUR HIGHEST PRIORITIES FOR FUTURE TRAINING

Q9 (CONTINUED) FOR EACH OF THE PRIORITIES WHICH YOU SELECTED IN QUESTION 3, WHAT WOULD BE THE ONE BEST SOURCE OF TRAINING IN THIS SKILL

(NOTE: PERCENTAGES FOR QUESTION 9 ARE BASED ON THE CORRESPONDING FREQUENCY IN QUESTION 8.)

			PRINCIPAL/ TEACHERS		SUPERVISORS		PRIVATE CONSULTANTS		REGIONAL CONSULTANTS		STATE CONSULTANTS		COLLEGE FACULTY		COMMERCIAL REPS.		EXPERIENCE ON THE JOB	
HOW TO USE EFFECTIVELY FOR SPECIFIC INSTRUCTIONAL OBJECTIVES	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT	FREQ.	PCT
INDEP. CHILD USE MTRLS	237	14.9	27	11.4	18	7.6	17	7.2	35	14.8	5	2.1	31	13.1	39	16.5	50	21.1
ADAPTIVE EQUIPMENT	163	10.3	19	11.7	10	6.1	36	22.1	22	13.5	4	2.5	21	12.9	18	11.0	27	16.6
PROGRAMMED MATERIALS	157	9.9	7	4.5	7	4.5	17	10.8	26	16.6	2	1.3	23	14.6	46	29.3	22	14.0
MEDIA HARDWARE/EQUIP.	97	6.1	15	15.5	10	10.3	9	9.3	7	7.2	1	1.0	16	16.5	22	22.7	11	11.3
MULTIMEDIA KITS	87	5.5	10	11.5	7	8.0	7	8.0	11	12.6	3	3.4	11	12.6	26	29.9	6	6.9
HOW TO MAKE																		
AUDIO-VISUAL MATERIALS	152	9.6	18	11.8	10	6.6	14	9.2	23	15.1	5	3.3	32	21.1	23	15.1	23	15.1
TACTILE MATERIALS	130	8.2	18	13.8	10	7.7	17	13.1	16	12.3	3	2.3	25	19.2	12	9.2	24	18.5
GRAPHICS (E.G., CHARTS)	71	4.5	6	8.5	4	5.6	5	7.0	9	12.7	2	2.8	14	19.7	7	9.9	20	28.2
REPRODUCTION MASTERS	67	4.2	8	11.9	10	14.9	5	7.5	6	9.0	2	3.0	6	9.0	8	11.9	20	29.9
AUDIO MATERIALS	61	3.8	4	6.6	2	3.3	7	11.5	7	11.5	4	6.6	12	19.7	8	13.1	15	24.6
EXHIBITS	36	2.3	4	11.1	1	2.8	5	13.9	4	11.1	1	2.8	3	8.3	3	8.3	10	27.8
HOW TO OPERATE																		
UNIQUE TCHNG MACHINES	108	6.8	7	6.5	6	5.6	17	15.7	15	13.9	1	0.9	20	18.5	32	29.6	4	3.7
VIDEOTAPE EQUIPMENT	98	6.2	15	15.3	12	12.2	13	13.3	5	5.1	3	3.1	8	8.2	20	20.4	17	17.3
SPECIALIZED EQUIPMENT	96	6.0	11	11.5	9	9.4	14	14.6	7	7.3	1	1.0	14	14.6	30	31.3	7	7.3
COMPUTER-BASED EQUIP.	83	5.2	4	4.8	3	3.6	15	18.1	10	12.0	1	1.2	13	15.7	23	27.7	9	10.8
DRY MOUNT/LAMINATOR	73	4.6	11	15.1	8	11.0	6	8.2	7	9.6	0	0.0	10	13.7	14	19.2	12	16.4
FILMSTRIP PROJECTOR	37	2.3	10	27.0	5	13.5	1	2.7	2	5.4	0	0.0	2	5.4	2	5.4	12	32.4
FILM PROJECTOR	36	2.3	7	19.4	5	13.9	1	2.8	4	11.1	1	2.8	2	5.6	3	8.3	7	19.4
STILL PHOTOG. EQUIP.	35	2.2	2	5.7	2	5.7	5	14.3	3	8.6	1	2.9	5	14.3	5	14.3	9	25.7
TAPE RECORDER	34	2.1	4	11.8	8	23.5	1	2.9	2	5.9	1	2.9	2	5.9	2	5.9	11	32.4
MOTION PICTURE CAMERA	28	1.8	5	17.9	3	10.7	3	10.7	2	7.1	0	0.0	3	10.7	7	25.0	4	14.3